

Horizontal Packaging Machine&Packing System Marketing Promotion Manual



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FOSHAN SOONTRUE MACHINERY EQUIPMENT CO., LTD.

> Horizontal Packaging Machine

ZW Series Double-inverters Packaging Machine Features

- 1.Compact configuration and streamline appearance design. Simple and convenient operation.
- 2.Applied with system of double inverters for speed adjustment, the machine has reliable function with low noise, less trouble and easy maintenance.
- 3.With intelligent control system of human-machine interface, it gets simple parameters setting and adjustment. Bag length control is displayed intuitively and product size can be easily changed.
- 4.Intelligent and digital display temperature controller, which is easily set for accurate individual temperature control, suitable for various packing materials.
- 5.With imported world famous brand photocell tracking system, the sealing position is correct and accuracy is highly controlled.
- 6.The stopping position can be set randomly. The positioning stop function can avoid adhering to the cutter and burning the film.
- 7.All-purpose bag former can be randomly adjusted and easily operated.
- 8.Optional seal patterns such as straight line, vertical line or net line is available.
- 9.Various cutting types are available for option.
- 10.The date-printing position can be adjusted randomly.
- 11.The whole machine is applied with multiple safety protection devices.
- 12.It can be equipped with some kinds of automatic material feeding devices.

Electronic Flexibility (double inverters packaging machine)

- Quick product-changing
 - Changing of packing seasons;
 - Different packing size;
- Effectively improving the product quality
 - Improving the sanitation requirement;
 - Better product appearance;
- Simplifying
 - Mould type design;
- Improving the reliability
 - Decreasing the maintenance cost;
 - Higher manufacturing rate;

Strong points of double inverters

- Electric driving axle
 - It avoids the mechanical gaps among different driving parts;
 - It can supply every gear rate to every driving device;
 - The bag length and the color-code tracing can be adjusted automatically and easy for operating;
 - High speed, high accuracy and excellent flexibility;
 - No requirement of maintenance;
- Economical mechanical design
 - Simple adjustment
 - Improving the productivity
 - No maintenance

ZW-100E



Application:

Mainly used for packing various regular and solid products such as biscuits, moon-cake, bread, instant noodles, sweet, medicine, daily necessities, hardware and electrics, case box or any product attached with tray.

Technical Parameters:

Model	ZW-100E
Bagging size range	L60~160 mm
	W35~90 mm
	H5~35 mm
Packing speed	35~225 bags/min
Packing film width	90~220 mm
Packing material	OPP, PE, PVC, OPP/CPP, PT/PE, KOP/CPP, Alu-coated film.
General power	2.7 KW
Power supply type	1Ph. 220V 50Hz
Machine weight	440Kg
Machine dimensions	4000×920×1500mm



> Horizontal Packaging Machine

ZW-320E



Application:

Mainly used for packing various regular and solid products such as biscuits, moon-cake, bread, instant noodles, sweet, medicine, daily necessities, hardware and electrics, case box, or any product attached with tray.

Technical Parameters:

Model	ZW-320E
Bagging size range	L115-280mm W35-160mm H5-50mm
Packing speed	32-180bags/min
Packing film width	90-370mm
Packing material	OPP, PE, PVC, OPP/CPP, PT/PE, KOP/CPP, Alu-coated film.
Power supply type	1Ph. 220V 50Hz
General power	4.1KW
Machine weight	440Kg
Machine dimensions	4200×950×1600mm



ZW-320ET



Application:

Mainly used for packing various regular and solid products such as biscuits, moon-cake, bread, instant noodles, sweet, medicine, daily necessities, hardware and electrics, case box, or any product attached with tray.

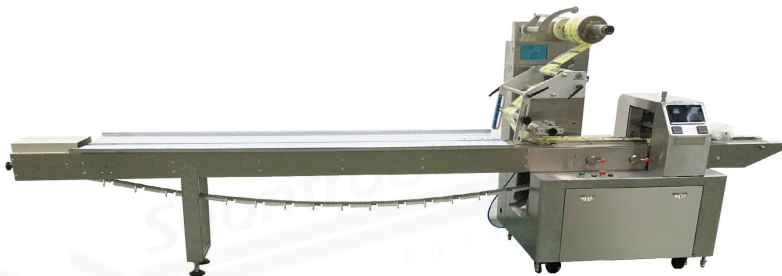
Technical Parameters:

Model	ZW-320ET
Bagging size range	L115-280mm W35-160mm H5-50mm
Packing speed	32-180bags/min
Film width	90-370mm
Packing material	OPP, PE, PVC, OPP/CPP, PT/PE, KOP/CPP, Alu-coated film.
Power supply type	1Ph. 220V 50Hz
General power	4.1KW
Machine weight	440Kg
Machine dimensions	4000×950×1600mm



> Horizontal Packaging Machine

ZW-500S



Servo control

Application:

Mainly used for packing various regular and solid products such as biscuits, moon-cake, bread, instant noodles, sweet, medicine, daily necessities, hardwares and electrics, case box, or any product attached with tray.

Technical Parameters:

Model	ZW-500S	
	Single cutter	Double cutters
Bagging size range	L 80-500 mm	L 80-500 mm
	W 30-160 mm	W 30-160 mm
	H 5-60 mm	H 5-50 mm
Packing speed	35-200 bags/min	35-400 bags/min
Packing film width	80-370 mm	
Packing material	OPP、PE、PVC、OPP/CPP、PT/PE、KOP/CPP etc.	
General power	5.45 KW	6.85 KW
Power supply type	1Ph. 220V 50Hz	
Machine weight	540 Kg	550 Kg
Machine dimensions	4000*950*1600 mm	



ZW-580E/ZW-580S



Servo control

Application:

Mainly used for packing various regular and solid products such as biscuits, moon-cake, bread, instant noodles, sweet, medicine, daily necessities, hardwares and electrics, case box, or any product attached with tray.

Technical Parameters:

Model	ZW-580E	ZW-580S	
	Normal motor	Single servo motor	3 servo motors
Bagging size range	Double cutters	Single cutter	Double cutters
	L100-200mm	L80-500mm	L80-500mm
	W30-140mm	W30-140mm	W30-140mm
	H5-40mm	H5-50mm	H5-40mm
Packing speed	45-360bags/min	45-200bags/min	45-500bags/min
Packing film width	80-300mm		
Packing material	OPP、PE、PVC、OPP/CPP、PT/PE、KOP/CPP etc.		
General power	5.45KW	7.12KW	8.82KW
Power supply type	1Ph. 220V 50Hz		
Machine weight	800Kg	800Kg	840Kg
Machine dimensions	3920*900*1650mm		



> Horizontal Packaging Machine

ZW-2000E/ZW-3000E



Application:

Mainly used for packing various kinds of irregular,sticky or bulky products, such as egg roll,sausage, squid,bread, moon-cake,instant noodles,preserved fruit,jelly candy,toilet soap,pocket notebook,box pen,sticky tape,medicines,and so on.

Technical Parameters:

Model	ZW-2000E	ZW-3000E	
		Single cutter	Double cutters
Bagging size range	L 60-160 mm	L 200-450 mm	L 115-280 mm
	W 30-90 mm	W 30-160 mm	W 30-160 mm
	H 5-35 mm	H 5-55 mm	H 5-50 mm
Packing speed	35-180 bags/min	35-70 bags/min	35-140 bags/min
Film width	90-220 mm	90-370 mm	
Packing material	OPP, PE, PVC, OPP/CPP, PT/PE, KOP/CPP, Alu-coated film.	OPP, PE, PVC, OPP/CPP, PT/PE, KOP/CPP, Alu-coated film.	
Power supply type	1Ph, 220V 50Hz	1Ph, 220V 50Hz	
General power	2.7 KW	2.7 KW	4.1 KW
Machine weight	440 Kg	550 Kg	
Machine dimensions	4000×920×1500 mm	4300×1000×1400 mm	



HF-390



Application:

Mainly used for outer sealing of gift box filled with inner-packed products such as food,chemicals,daily necessities,medicines,and hardwares,etc.

Technical Parameters:

Model	HF-390	
Box size range	L 150-390 mm	
	W 100-250 mm	
	H 30-85 mm	
Packing speed	56 bags/min	
Max gift box length	390 mm	
Adhesive material	melt adhesive	
General power	3.47 KW	
Power supply type	1Ph,220V 50Hz	
Machine weight	300Kg	
Machine dimensions	2200×1000×1600mm	



> Horizontal Packaging Machine

SZ Series Full Servo-control Packaging Machine Features

- **Simple system structure:** System is composed by servo motors, servo driver and touch screen. Servo driver is built-in motion control formula of packaging machine without any independent controller.
- **Easy operation:** With intelligent control system of HMI, simple parameters setting and adjustment.
- **Wide packing range:** Bag length from 60mm to 300mm, easy and flexible setting.
- **Shaftless driving:** Adopt shaftless driving technology among 3 shafts, no mechanical joint.
- **Auto-shift cutter speed:** Cutter runs at variable speed, speed curve generates automatically, saving mechanical cams.
- **High line speed:** Max. line speed is up to 50m/min., long package can be packed faster.
- **High packing speed:** Max. 300bags/min(Double jaws).
- **High accuracy of color mark tracking:** Up to 0.1mm.
- **Packless function:** Defense empty bag during packing to reduce waste of film material.
- **Cutless function:** If sensor detects any product out of position inside film, cutter will stop and restart after this product discharged.
- **Film splicer:** Finished film roll will be spliced new film roll automatically to save operation time and labor.
- **Cutter torque protection:** System detects cutter stress automatically. When cutting hard product, the resistance is bigger than preset value of torque protection, cutter will stop immediately and run backward, machine can be restarted after discharging cutting product without restoration.
- **Customizable special function:** Machine can be modified according to customer's requirements, which can be equipped with automatic feeding system.



Manual feeding



Automatic feeding



Servo control

Application:

Mainly used for packing various regular and solid products such as moon-cake, bread, biscuit, candy, daily necessities, chemical product, medicine, hardware and so on.

Technical Parameters:

Model	SZ-180
Bagging size range	L 60-300 mm
	W 35-160 mm
	H 5-60 mm
Packing speed	30-300 bags/min
Packing film width	90-400 mm
Packing material	OPP, PE, PVC, OPP/CPP, PT/PE, KOP/CPP etc.
General power	5 Kw
Power supply type	1Ph. 220V 50Hz
Machine weight	400 Kg
Machine dimensions	4000 × 930 × 1370 mm



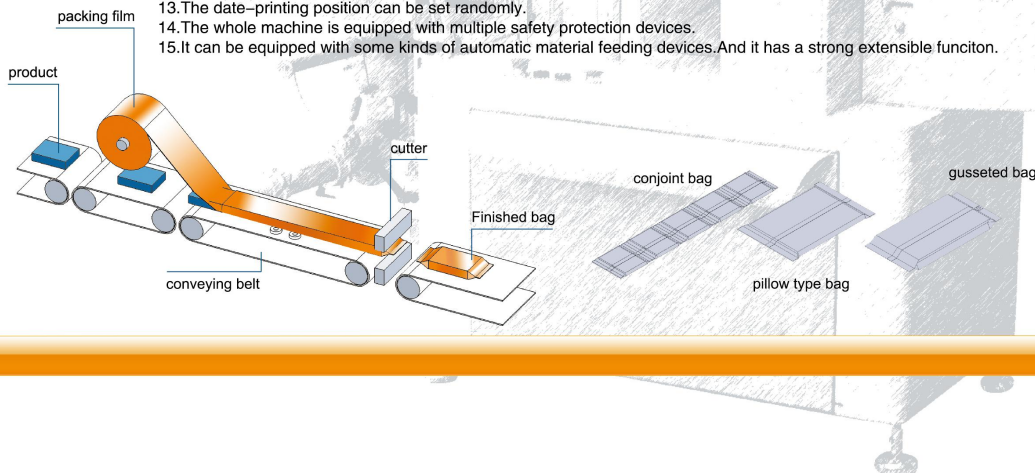
> Horizontal Packaging Machine

ZB Series Double frequency Packaging Machine Features

- 1.Compact configuration and streamline appearance design.Simple and convenient operation.
- 2.Applied with system of double inverters for speed adjustment,the machine has reliable function with low noise,less trouble and easy maintenance.
- 3.With intelligent control system of human-machine interface,it gets simple parameters setting and adjustment.Bag length control is displayed intuitively and product size can be easily changed.
- 4.Intelligent and digital display temperature controller,which is easily set for accurate individual temperature control,suitable for various packing materials.
- 5.With imported world famous brand photocell tracking system, the sealing position is correct and accuracy is highly controlled.
- 6.The stopping position can be set randomly. The positioning stop function can avoid adhering to the cutter and burning the film.
- 7.All-purpose bag former can be randomly adjusted and easily operated.
- 8.Optional seal patterns such as a straight line, vertical line or net line is available.
- 9.Various cutting types are available for option.
- 10.The date-printing position can be adjusted randomly.
- 11.The whole machine is applied with multiple safety protection devices.
- 12.It can be equipped with some kinds of automatic material feeding devices.

ZB Series Full Servo-control Packaging Machine Features

- 1.Reasonable machine configuration and streamline appearance design with low noise, less trouble and easy maintenance.
- 2.Multi-axis full servo-control, simple operation and stable function. High control accuracy and less power dissipation.
- 3.Color touch screen display makes adjustment convenient, which has the function of self-diagnosis and data storage. The change of product size can be easily carried out.
- 4.Applied with the system of high accuracy and high sensitivity photocell tracking, it controls the bag length accurately.
- 5.Available with the function of detecting wrong bag position and material anti-cutting.
- 6.Intelligent and digital display temperature controller, which is easily set for accurate individual temperature control,suitable for various packing materials.
- 7Automatic stop function without product can avoid wasting packing film.
- 8.Fully automatic material-feeding function saves manpower.
- 9.The stopping position can be randomly adjusted and easily operated.
- 10.All-purpose bag former can be randomly adjusted and easily operated.
- 11.Optional seal patterns such as a straight line, vertical line or net line is available.
- 12.Various cutting types are available for option.
- 13.The date-printing position can be set randomly.
- 14.The whole machine is equipped with multiple safety protection devices.
- 15.It can be equipped with some kinds of automatic material feeding devices.And it has a strong extensible function.



Servo control

Application:

Mainly used for packing all kinds of solid and regular products, such as moon-cake, bread, instant noodle, biscuit, sweet, medicine, hardware and electronics,daily necessities, and any product in tray.

Technical Parameters:

Model	ZB-602S
Bagging size range	L 120~600 mm W 200 mm H 80 mm
Center Distance	150 mm
Packing speed	25-150 bags/min
Max packing film width	600 mm
Packing material	CPP-OPP-PVC-PE-OPP/CPP-PT/PE-KOP/CPP-Alu-coated film.
General power	4.5 KW
Power supply type	1Ph, 220V 50Hz
Machine weight	1350 Kg
Machine dimensions	4330*1205*1563 mm



> Horizontal Packaging Machine

ZB-830W



Servo control Box motion

Application:

Mainly used for packing frozen food with plastic tray, such as Dumpling, Wonton, Baozi, etc; Also used for packing regular and solid products, such as Bread, Cake, Box, etc.

Optional device: 1. Film automatic connecting device 2. Gusseting device
3. Automatic feeding conveyor

Technical Parameters:

Model	ZB-830W
Bagging size range	L 120~650 mm W 200 mm H 90 mm
Packing speed	30~100 bags/min (Depended by product size)
Max packing film width	600 mm
Packing material	OPP, PE, PVC, OPP/CPP, PT/PE, KOP/CPP, Alu-coated film, etc.
General power	5.07 KW
Power supply type	1Ph. 220V 50Hz
Machine weight	1200 Kg
Machine dimensions	4400×1200×1700 mm



ZW-503E



Application:

Mainly used for packing regular and solid products, such as biscuits, bread, instant noodles, candy, medicine, daily necessities, hardware, or any product attached with tray.

Technical Parameters:

Model	ZW-503E	
Bagging size range	L 180-350 mm W 220 mm H 70 mm	L 220-440 mm W 220 mm H 90 mm
Center Distance	114 mm	150 mm
Packing speed	15-60 bags/min	
Max packing film width	600 mm	
Packing material	CPP, OPP, PVC, PE, OPP/CPP, PT/PE, KOP/CPP, Alu-coated film.	
Power supply type	1Ph. 220V 50Hz	
General power	3.1 KW	
Machine weight	1200 Kg	
Machine dimensions	4490×1060×1750 mm	



> Horizontal Packaging Machine

ZB-803E



Servo control

Application:

Mainly used for packing various kinds of irregular, sticky, bulky or secondary packaging product, such as egg rolls, sausages, ice lollies, bread, chocolate block, noodles, vegetable, pizza, hardwares, electRICT, and so on.

Optional end sealing style: 1. Rotary motion 2. Box motion 3. Connecting rod motion

Technical Parameters:

Model	ZB-803E
Bagging size range	L 150~999 mm W 150~350 mm (Customizable) H 30~140 mm (Customizable)
Packing speed	10~80 bags/min (As per product characteristic)
Max packing film width	800 mm (Customizable)
Packing material	OPP/CPP.PT/PE.KOP/CPP-Alu-coated film.
General power	8 KW
Power supply type	1Ph. 220V 50Hz
Machine weight	1150 Kg
Machine dimensions	2900×1300×1900 mm



SP-200A



Servo control

Application:

Mainly used for secondary packing, with the function of bag opening, filling and sealing automatically.

Technical Parameters:

Model	SP-200A
Bagging size range	(Customizable)
Packing speed	≤20 bags/min
Packing material	OPP- CPP- PE premade bag, thickness: 35 ~ 70μm
General power	9 KW
Power supply type	220V 50Hz Control voltage DC24V
Machine weight	1100 Kg
Machine dimensions	2570×1090×1712 mm



> AAS-Y Single Line Packing System



AAS-Y

Main Features:

1. Single line packing system can be well connected with the former production line, to meet big quantity, single products packing requirements. Besides, customer can dump products on feeding belt, to meet small quantity, different kinds of products packing requirements.
2. By intersection feeding system, the belt can feed and arrange different shapes of products in a line, such as rectangular, round, line shape products, etc.
3. This system can be designed according to products features, with characterised design, the products can be eliminated automatically, when they are stucked, overlaped, or in wrong position during feeding, which insure packing continually and stability.
4. This system adopts multi-frequency adjustment, servor-motor control, has four to eight speed adjustment levels when packing different kinds of products
5. Human-oriental design, easy for installment and cleaning.
6. With many safeguard devices, such as emergency stop, safety cover, creepage protection. This system will work more safely.
7. Fully automatic packing utility.

Technical Parameters:

Model	AAS-Y Single Line Packing System
Out dimensions	6000*620*1130 mm (adjustable)
Main transport belt width	600/800/1000 mm
Feeding speed	30 meters/min
Packing speed	35-220 bags/min(Depended by packing material and products size)
General power	Depended on actual project
Moto power	Depended on actual project
Noise	≤ 78
Power supply type	220V 50Hz; 380V 50Hz

System configuration



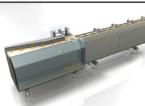
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AAS-Y-01 Intersection Feeding Unit

1. Transporting function, connect with former baking/cooling device.
2. Easy for cleaning and maintenance.

2



AAS Automatic Feeding Unit

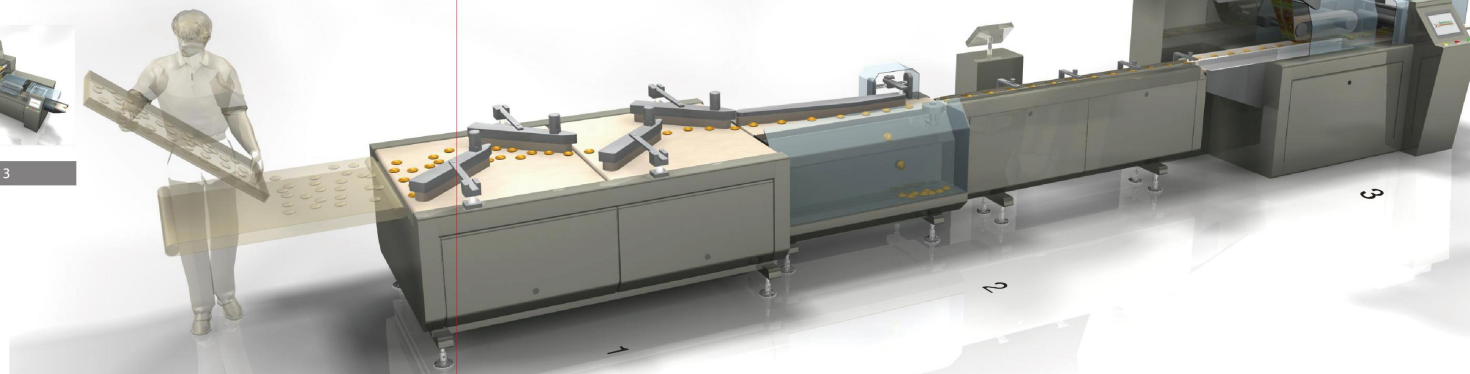
1. With optical -detecting device and servor-motor control system, the product position can be located correctly, and send signal to packing system.
2. Cantilever structure design, easy for installment and cleaning.
3. With expanding functions, suitable for feeding different kinds of products automatically.

3



Packing Unit

1. With double frequency controlled packaging machine, Step-less adjustment, the packing scope of machine is more wider.
2. Bag length is tracked by high precision optical sensor, no need to adjust manually after set bag length.
3. Sealing temperature is controlled independently, which insure a good sealing result when use different packing film.



> Wafer Packing System



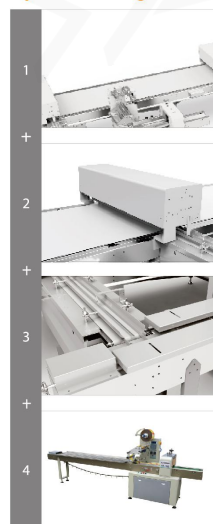
Main Features:


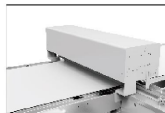
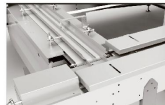
1. Wafer packing system includes Main feeding unit, Servo pusher unit, Transition feeding unit, Packing unit and Date coding unit.
2. The system is connected with wafer producing line, Wafers will be fed in rows with required distance by main feeding unit, servo pusher unit push products to transition feeding unit to pack.

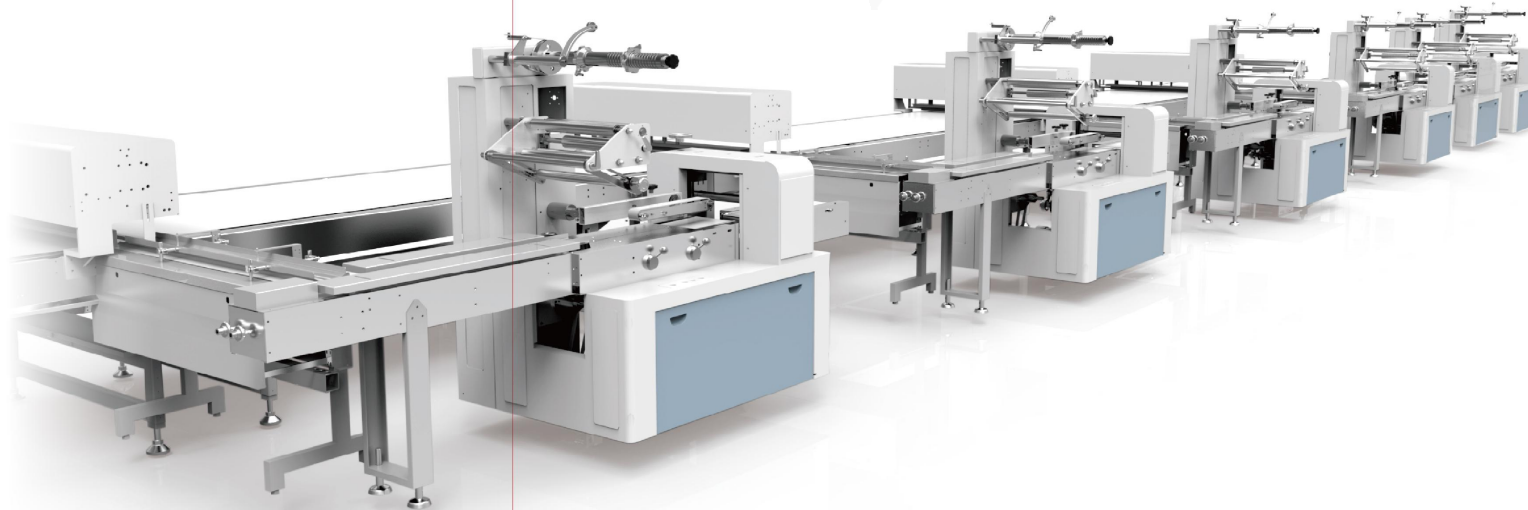
Technical Parameters:

Model	Wafer packing system
Main feeding unit belt width	600/800/1000/1200 mm (Depended on actual project)
Feeding speed	30 meters/min
Packing speed	35-220 bags/min(For one machine)
General power	Depended on actual project
Moto power	Depended on actual project
Noise	≤ 78
Power supply type	220V 50Hz; 380V 50Hz

System configuration



- 1  01-01 Main feeding unit
- 2  01-02 Servo pusher unit
- 3  01-03 Transition feeding unit



> Turn-Plate Packing System ZPX-01

ZPX-01



Main Features:

- 1.ZPX-01 adopts centripetal force to arrange products feeding, is mainly used for packing bar shape products. Packing speed can be auto-adjustable according to products feeding speed.
- 2.ZPX-01 includes Turn-plate unit, Transition feeding unit, Automatic feeding unit, Packing unit.

Technical Parameters:

Model	Turn-Plate Packing System ZPX-01
Packing speed	50~350 bags/min
Turn-plate Diameter	800/1000/1200 mm for choice
General power	5.5 KW
Moto power	3.8 KW
Net weight	1200 Kg
Out dimensions	6000×1000×850mm
Power supply type	220V 50Hz; 380V 50Hz



Turn-plate Unit



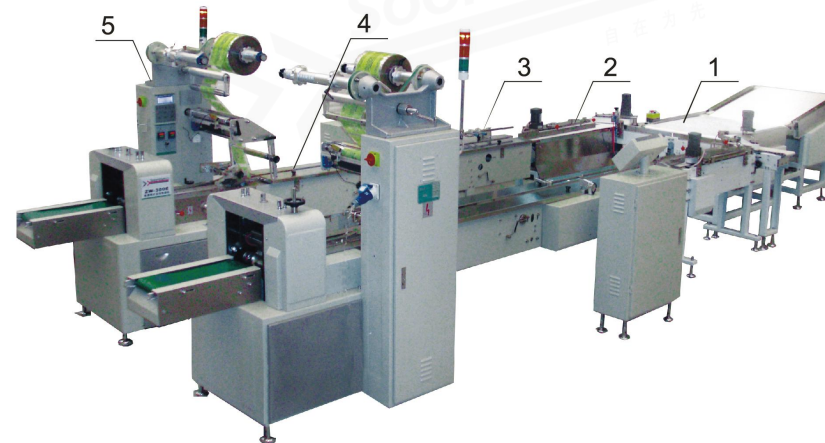
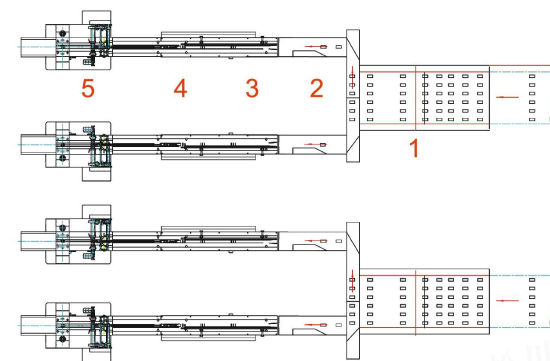
Transition Feeding Unit



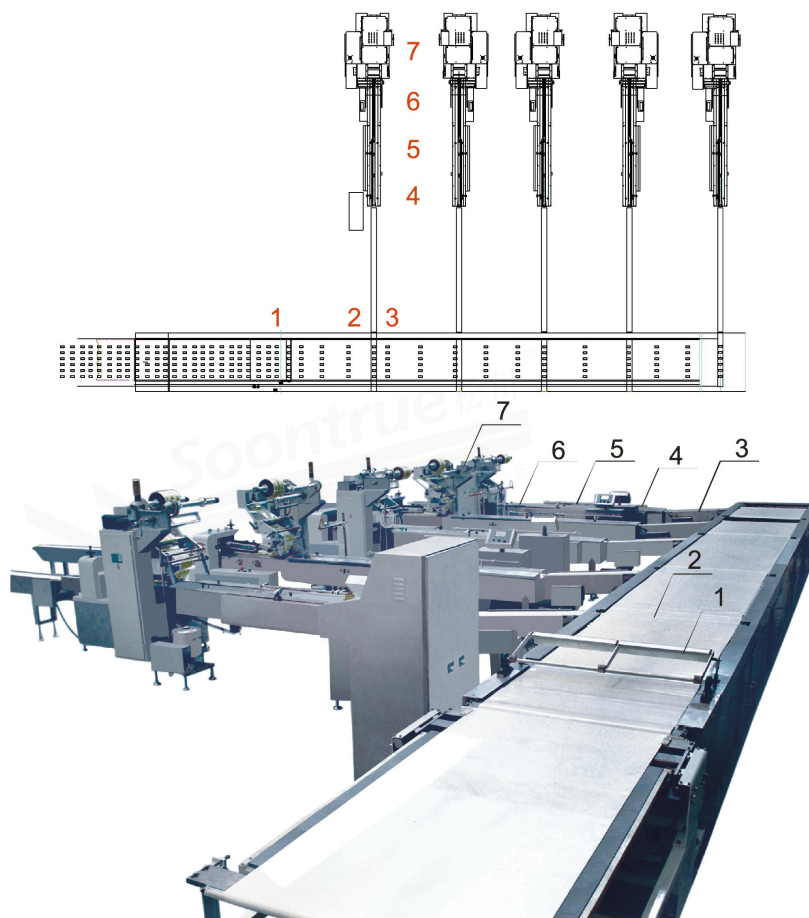
Automatic Feeding Unit



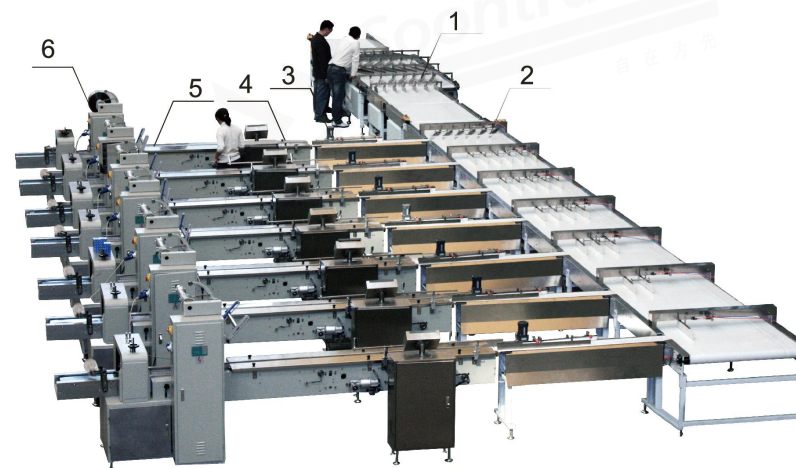
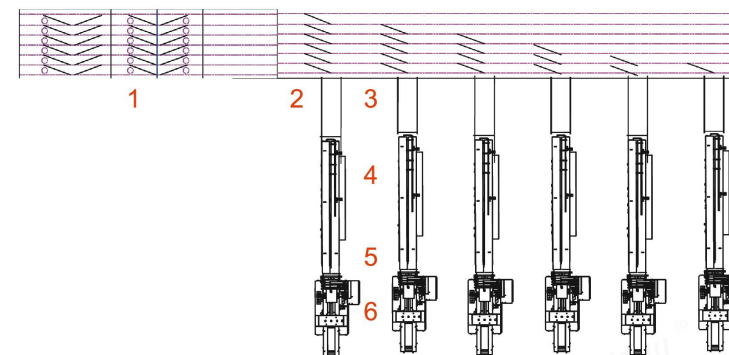
> Packing System A



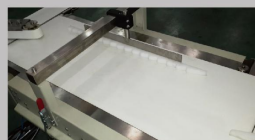
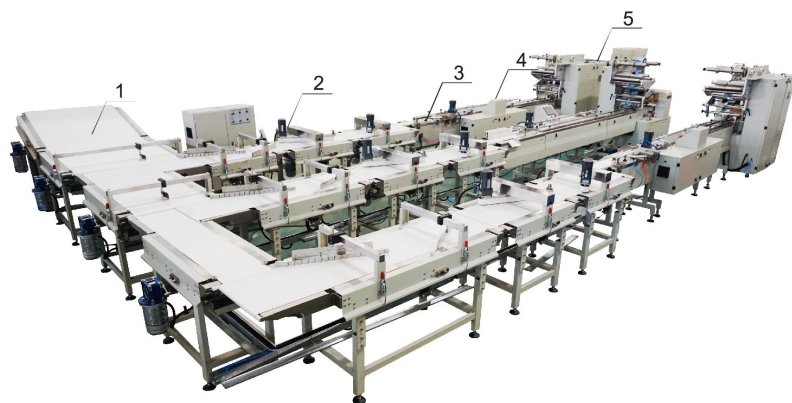
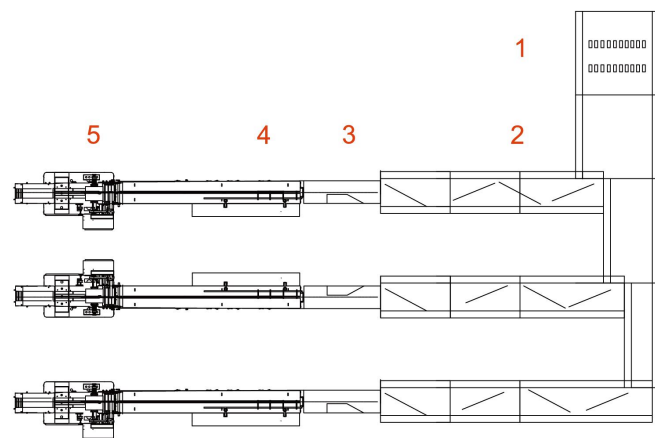
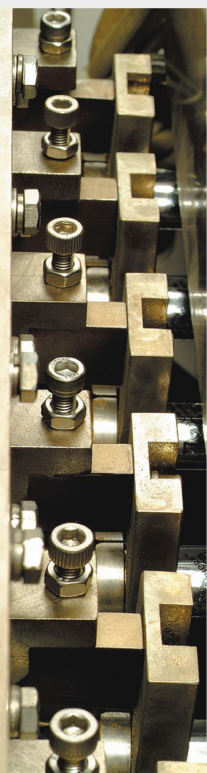
> Sinking Packing System



> Side-sort Packing System



> Packing System for Coated Product



> Our Gold Customers



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