

SCIENCE

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| Ruian Science Machinery & Technology Co., Ltd. |

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Company Introduction

Ruian Science Machinery & Technology Co., Ltd. is located in the Yunjiang standard industrial area of Nanbin street, Ruian city, Zhejiang province, China.

Company is widely introduce and absorb advanced equipment production technology and experience in the packaging solutions for Food Industry, Pharmaceutical Industry, Cosmetic Industry, Commodity Industry and ect.

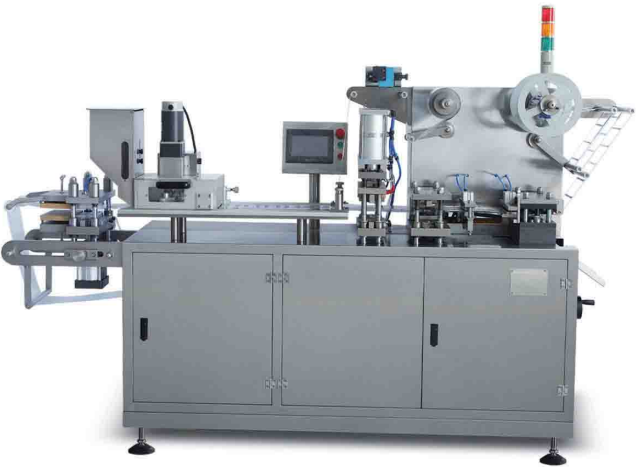
Our company pursue the "quality first, customer satisfaction" business principles, and dedication to superior integrated packaging solutions allows our customers to reach their production, financial, strategic and marketing goals.

Our machines have been exported to the Europe, America, Africa, Middle East and other countries and regions, has cultivated important long-term relationships with both customers and other industry professionals during these years.



DPB Series

Automatic Blister Packing Machine



▲ DPB-140 Blister Packing Machine



▲ DPB-260 High Speed Automatic Blister Packing Machine

Technical Parameter:

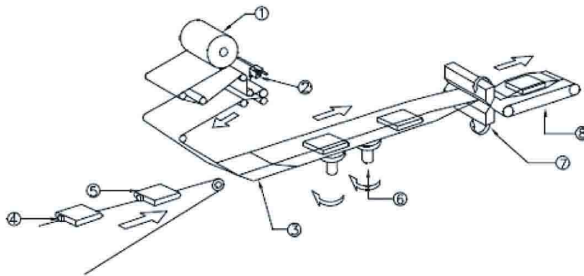
Model	DPB-80	DPB-140	DPB-260
Punch Frequency	10-35 times/min	15-40 times/min	25-60 times/min
Production Capacity	2400 edition/hour	4800 edition/hour	140 thousand/hour
Max. Formed area and Depth(mm)	80 × 110 × 26	130 × 110 × 26	260 × 140 × 22
Travel Range (mm)	20-70	20-110	30-140
Standard Plate (mm)	80x57	80x57	80x57
Air Pressure (m³/min)	0.6-0.8	0.6-0.8	≥ 0.5
Total Power	380V/220V 50Hz 3.2KW	380V/220V 50Hz 5.2kw	380V 50HZ 8.5KW
Main Motor Power	0.75 KW	1.5 KW	1.5 KW
PVC Hard Pieces (mm)	0.15-0.5 × 80	0.15-0.5 × 140	0.25-0.5 × 260
PTP Aluminum Foil (mm)	0.02-0.035 × 80	0.02-0.035 × 140	0.02-0.035 × 260
Dialysis Paper (mm)	50-100g × 80	50-100g × 140	50-100g × 260
Mold cooling	Water cycle	Tap water or recycling water	Condensate or cold circulating water
Overall Dimensions (mm)	1600 × 600 × 1100	2300 × 650 × 1610	4460 × 760 × 1620
Weight (kg)	450	900	1850kg

Photos are for reference only, please be subject to the actual machines

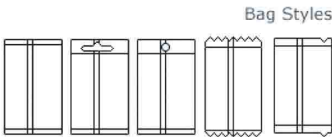
PW Series

Flow Wrap Packing Machine (Pillow Type Bags)

This packing machine is suitable for biscuits, bread, moon cake, egg yolk pie, fruit pie, candy, daily necessities, hardware parts, all kinds of solid regular objects.



- (1) Packaging Film
- (2) Photocell
- (3) Former
- (4) Pusher
- (5) Product
- (6) Fin Sealing Wheel
- (7) End Sealing Jaw
- (8) Discharging Conveyor



Technical Parameter:

Model		PW-300	PW-450
Finished package size(mm)	Length	40-500mm	70-1000mm
	Width	30-110mm	30-170mm
	Height	5-40mm	5-80mm
Vertical and cross sealing strength		> 15N/mm ²	> 15N/mm ²
Packing speed		30-100Bags/min	30-120Bags/min
Packing film width		80-300mm	80-450mm
Power specification		220V 50/60Hz 2.4KVA	220V 50/60Hz 2.4KVA
Machine weight		800kg	900kg
Overall size(L×W×H)		3780×640×1560mm	4400×830×1700mm

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PW-350C

Reciprocating Flow Wrap Packing Machine



Medical equipment, pharmaceutical packaging.
(Blister Plate, Swabs, Medical Syringe, Surgical Mask and ect.



Technical Parameter:

Model		PW-350C
Finished package size(mm)	Length	100-200mm
	Width	30-110mm
	Height	Max. 50mm
Vertical and cross sealing strength		> 15N/mm ²
Packing speed		5-120Bags/min
Packing film width		Max. 350mm
Power specification		220V 50/60Hz 2.4KVA
Machine weight		1160kg
Overall size(L×W×H)		4200×960×1520mm

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ZH-100

Automatic Horizontal Cartoning Machine

This machine is applicable for packing different size of the blister or similar products, it can automatically finish the folding of leaflet, carton opening, feeding, number printing, and carton closing or glue sealing.



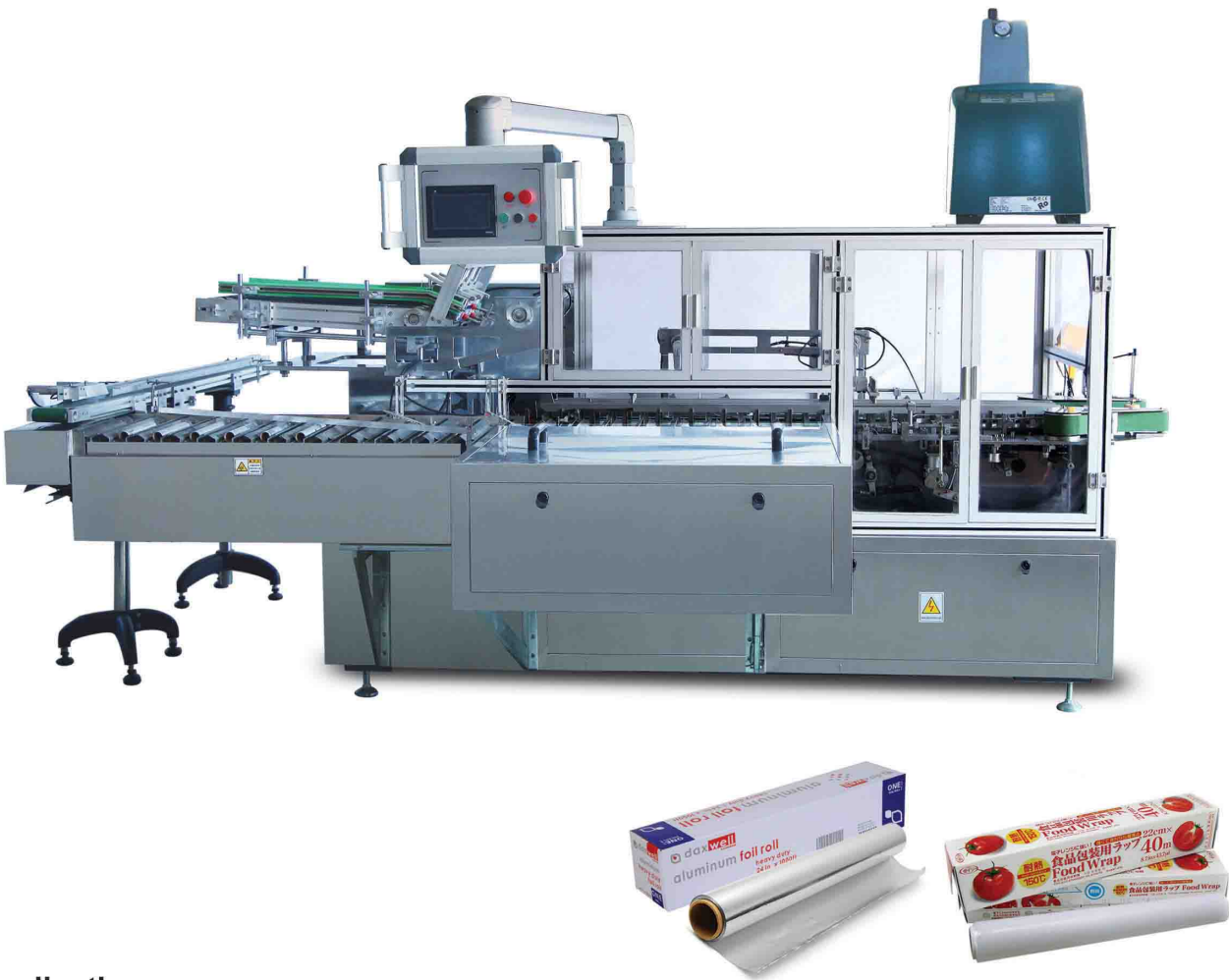
Technical Parameter:

Packing speed		40-100 carton/min
Carton	Quality requirement	250-350g/m2
	Dimension range(L x W x H)	(60-200)mm X (20-85)mm X (14-50)mm
Leaflet	Paper Requirements	60-80g/m2
	Dimension range(L x W x H)	(80-240)mm X (90-170)mm
Compressed air	Working Pressure	0.5-0.8mpa
	Consumption	120-160 L/Min
Power Supply		220V 50Hz
Main Motor Power		1.5kw
Relative Temperature		<70%
Overall Dimension(L x W x H)		3100x1100x1700mm
G.W.		1500kg

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ZH-100B

Automatic Cartoning Machine For Aluminum Foil Rolls



Application:

This machine is suitable for Alum Foil Roll, Preservative Film and other rolls which is packed in the carton.

Technical Parameter:

Packing speed		60-100 carton/min
Carton	Quality requirement	300-450g/m ²
	Dimension range(L x W x H)	(110-500)mm X (20-80)mm X (15-60)mm
Compressed air	Working Pressure	0.5-0.8mpa
	Consumption	140-180 L/Min
Power Supply		380V 50Hz
Main Motor Power		2.2Kw
Total Power		8.5Kw
Overall Dimension(L x W x H)		Main Machine: 4300x2300x2000mm
		Feeding Structure:1900x300x800mm
G.W.		2000kg

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ZH-100C

Automatic Cartoning Machine For Tissue Paper



Technical Parameter:

Packing speed		30-80 carton/min
Carton	Quality requirement	300-450g/m ²
	Dimension range(L x W x H)	(110-240)mm X (60-160)mm X (20-70)mm
Compressed air	Working Pressure	0.5-0.8mpa
	Consumption	180-220L/min
Power Supply		380V 50HZ
Hot Melt Machine Power		4.8kw
Main Motor Power		1.5kw
Total Power		7.3kw
Overall Dimension(L x W x H)		Main Machine: 3200x1600x1800mm
		Conveying Device: 2400x400x1200mm
G.W.		2000kg

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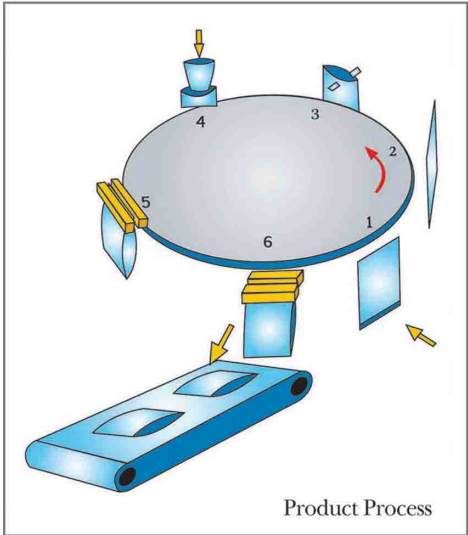
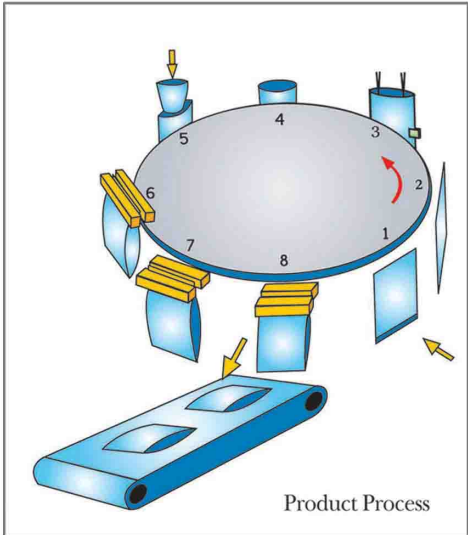
RS6/8 Series

Automatic Rotary Packaging Machine



Application:
This packing machine with different feeders can be suitable for grain, liquid or powder.

- Characteristics:**
- 1. Easy to operate, adopt advanced PLC from Germany Siemens, mate with touch screen and electric control system, the man-machine interface is friendly.
 - 2. Automatic checking: no pouch or pouch open error, no fill, no seal. The bag can be used again, avoid wasting packing materials and raw materials.
 - 3. Safety device: Machine stop at abnormal air pressure, heater disconnection alarm.
 - 4. Automatic folding-bag function: It could do folding bags automatically, and match to the next packing procedure.
 - 5. The parts which touch with the materials is made of stainless steel.



Multi Head Weigher
For irregular granule products such as peanuts, chips, candy, dry fruits ect.



Screw Auger Filler
For packing powder such as milk powder, coffee powder, seasoning powder, spice powder ect.



Piston Pump
For filling liquid & paste products such as milk, jams, detergent, juice ect.

Technical Parameter:

Model	RS6-300	RS6-250	RS6-200	RS8-300	RS8-250	RS8-200
Working position	Six-working stations			Eight-working stations		
Pouch material	Laminated film\PP\PE etc.			Laminated film\PP\PE etc.		
Pouch pattern	Flat Bag / Stand-up Pouch			Zipper Bags		
Pouch size	W:200-300mm L:200-450mm	W:150-260mm L:150-350mm	W:100-210mm L:100-350mm	W:200-300mm L:200-450mm	W:150-260mm L:150-350mm	W:100-210mm L:100-350mm
Speed	8-30bag/min	8-35bag/min	10-50bag/min	8-30bag/min	8-35bag/min	10-50bag/min
Weight	1500KGS	1400KGS	1200KGS	1500KGS	1400KGS	1200KGS
Voltage	380V 3phase 50HZ/60HZ			380V 3phase 50HZ/60HZ		
Total power	4KW	4KW	3KW	4KW	4KW	3KW
Compress air	Each 0.6 cubic meters (provided by the user)			Each 0.6 cubic meters (provided by the user)		

Photos are for reference only, please be subject to the actual machines.

RS-400

Automatic Heat Shrink Packing Machine



Application:

Fully automatic shrink packaging machine including sleeve sealer and shrink tunnel which can feed products, collating, seal and cut film and shrink film bag automatically. It's widely used in Food, Pharmaceutical, cosmetics, printing, hardware and ect.



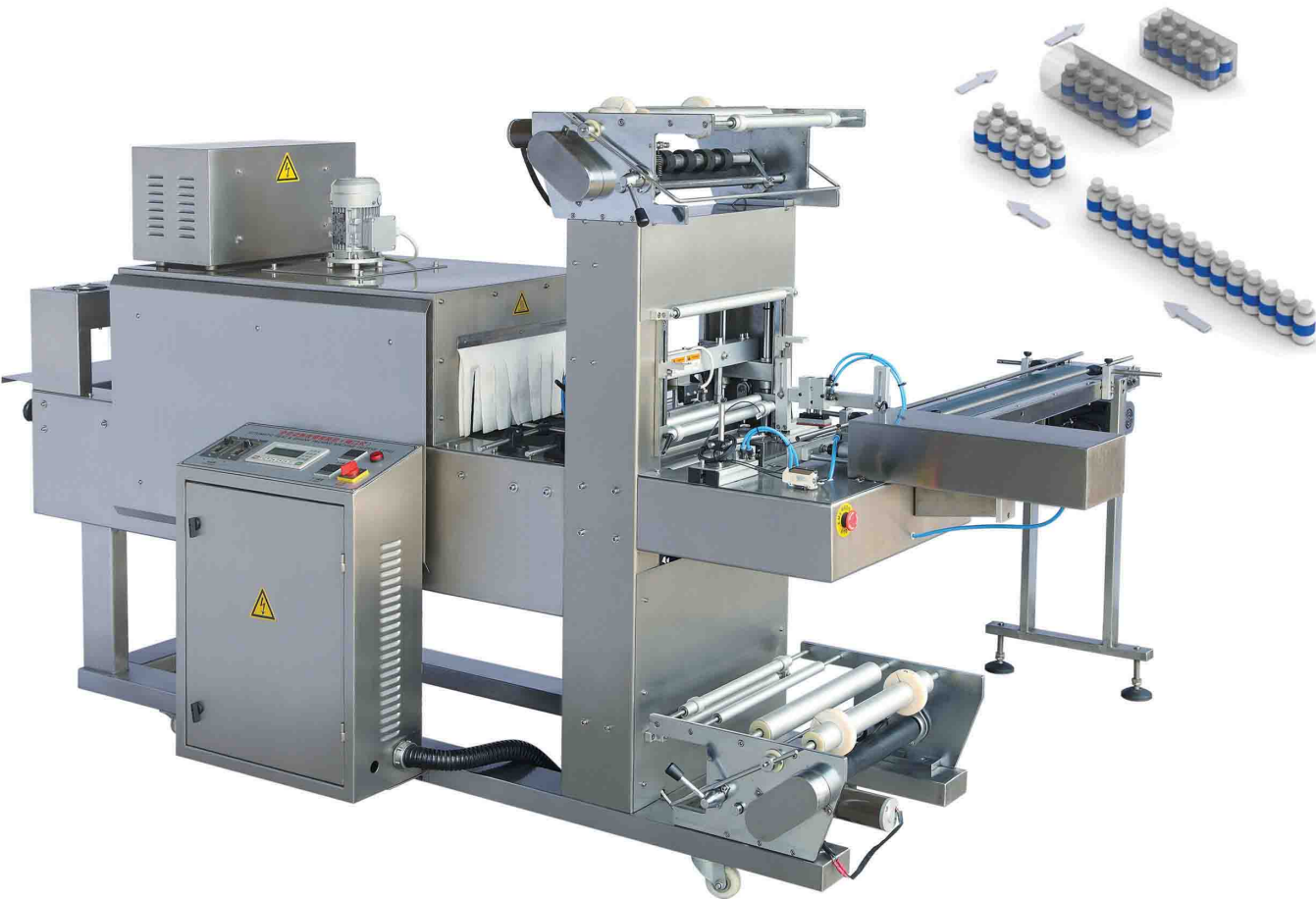
Technical Parameter:

Sealing Type	L Sealing
Power Supply	380V/50-60HZ/3Phase
Max. Product Size	W≤350MM W+H≤400MM L+H≤480MM
Max. Packing Capacity	15-35 packs/minute
Film Type	POLYETHYLENE (PE) / POF Film
Max. Film Size	530 (W) X 280MM (Outer Diam.)
Power Consumption	8.5Kw
Tunnel Oven Entrance Size	1200X400X220MM Based on the product dimension
Tunnel Conveyor	Chains with silicon coated rods or steel mesh conveyor
Air Pressure	0.5MPA (5 Bar)
Sealing Knife	Saw teeth cutting knife with anti-stick Teflon coats
Machine Material	Carbon Steel or Stainless Steel
Machine Weight	450KG
Machine Dimension	1600 X 770 X 1450MM

Photos are for reference only, please be subject to the actual machines.

RS-600

Automatic Sleeve Sealing & Shrink Packing Machine



Application:

Auto stack and shrink pack boxes in multi-row and multi-layer such as medicine boxes, cosmetic boxes, stationary boxes. It can be connected with cartooning machine.

Technical Parameter:

Sealing Type	Sleeve Sealing
Power Supply	380V/50-60HZ/3Phase
Max. Product Size	280x180x150mm (LxWxH)
Max. Packing Capacity	6-18 packs/minute
Film Type	POLYETHYLENE (PE)
Max. Film Size	350 (W) X 280MM (Outer Diam.)
Power Consumption	8.5Kw
Tunnel Oven Entrance Size	1040X355X220MM Based on the product dimension
Tunnel Conveyor	Steel mesh conveyor
Air Pressure	0.5MPA (5 Bar)
Sealing Knife	Special durable alloyed sealing knife with anti-stick Teflon coats
Machine Material	Stainless Steel
Machine Weight	600KG

Photos are for reference only, please be subject to the actual machines.

RS-300

Cellophane Overwrapping Machine



Application:

This machine is widely applicable to the automatic film packaging (with gold tear tape) of various single boxed articles. With new-type of double safeguard, no need to stop the machine, other spare parts will not be damaged when the machine runs out of step.

Technical Parameter:

Packing Material	BOPP film and gold tear tape
Packing Speed	20~80 packs/min
Packing Size	L(25-240)*W(15-120)*H(8-60)mm
Electric Supply Power	220V 50Hz 5kw
Weight	800kg
Overall Dimensions	(L)2000*(W)700*(H)1400mm

Photos are for reference only, please be subject to the actual machines.

RS-80

Fully Automatic Tube Filling & Sealing Machine



Applies to:

Plastic composite pipe and Aluminum composite pipe.

Optional device:

External system Chiller, Mezzanine barrel insulation device, Barrel internal mixing device, Automatic control feeding device (pump), Finished tube output conveyor.

Technical Parameter:

Suitable for	plastic composite pipe and Aluminum composite pipe
Operating speed	80/min (max)
Filling volume	5-250 ml
Filling accuracy	≤ ± 1%
Suitable hose length	50-210mm
Suitable hose diameter	Φ10-50mm
Feeding tube system	Inclined entire column feeding tube positions

Photos are for reference only, please be subject to the actual machines.



DXDS Series

Vertical Bag Packing Machine



Functions:

- 1.With imported PLC control system, simple-operating, visual touch screen.
- 2.Servo film feeding system, correct register, sealing and cutting positions adopt automatic correction device, high automation.
- 3.Intelligent temperature controller is used, correct temperature control, ensure nice, smooth seal.
- 4.Perfect automatic alarming protective function, reduce the consumption up to the lowest.
- 5.When the machine is combined with metering equipments, full packaging process including automatic feeding, metering, bag filling, date printing and automatic counting is completed.
- 6.Type of bag making: according to customer's demand, the machine can produce pillow bags, punched hanging bags.

Technical Parameter:

Model	DXDS-420	DXDS-520	DXDS-730
Range of Measurement	1-1500 g	1-3000 g	200-5000g
Speed	30-80 bags/min	30-80 bags/min	30-60 bags/min
Bag Size	W: 70-180mm L: 50-280mm	W: 80-260mm L: 50-340mm	W: 80-350mm L: 50-460mm
Max outer diameter of reel	400	400	500
Air source consumption	0.6 MPa 0.3m3/min	0.6 MPa 0.3m3/min	0.6 MPa 0.3m3/min
Power	3 Kw	3 Kw	3 Kw
Weight	700 kg	800 kg	1000 kg
Dimension(LxWxH)	1380x1150x1500 mm	1480x1250x1600 mm	1420x1530x1830 mm

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Multi Head Weigher

For irregular granule products such as peanuts, chips, candy, dry fruits ect.



Screw Auger Filler

For packing powder such as milk powder, coffee powder, seasoning powder, spice powder ect.



Piston Pump

For filling liquid & paste products such as milk, jams, detergent, juice ect.

RS-100

Single-Line Bag Packing Machine



Powders RS-100F

Granular RS-100K

Liquid & Past RS-100Y

Features:

- 1. With the function auto filling, measuring, bag forming, sealing and cutting.
- 2. With intelligent photoelectric controller system.
- 3. Machine body full of 304 stainless steel.
- 4. High accuracy control.
- 5. Sachet sealing type can choose from 3-side or 4-side seal or central seal according to customer needs.
- 6. Optional: coding system

Technical Parameter:

Model	RS-100F	RS-100K	RS-100Y
Bag Sealing Type	3 side, 4 side or back side seal		
Method of Measurement	Auger Screw Filler	Cup Type	Needle Valve(or Piston Pump)
Range of Measurement	1-100 ml	1-100 ml	1-100 ml
Speed	40-60 bag/min (according to the volume of each sachet)		
Bag Size	W:40-180 L:30-140mm	W:40-180 L:30-140mm	W:40-180 L:30-140mm
Total Power	1.5 Kw	1.5 Kw	1.5 Kw
Voltage	380V or 220V	380V or 220V	380V or 220V
Weight	280Kg	300Kg	300Kg
Dimension	900x800x1600mm	900x800x1700mm	900x800x1700mm

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DL Series

Multi-Line Bag Packing Machine



Technical Parameter:

Item	DL-1200	DL-900	DL-500
Bag length	50-120mm (adjustable)	50-120mm (adjustable)	50-120mm (adjustable)
Bag width	40-105mm	40-105mm	40-105mm
Packing speed	40-60 times/min	40-60 times/min	40-60 times/min
Measuring range	0.5-60ml	0.5-60ml	0.5-60ml
Applicable film	PET/AL/PE PET/PE NY/AL/PE NY/PE		
Max width of film	1200mm	930mm	500mm
Max film diameter	Φ300mm	Φ300mm	Φ300mm
Film core diameter	Φ75mm	Φ75mm	Φ75mm
Power Supply	380V 50Hz 15 Kw	380V 50Hz 12 Kw	380V 50Hz 10 Kw
Machine Dimension	2200×1900×2300mm	2200×1800×2000mm	1700×1400×1970mm
G.W	1700KG	1500KG	1200KG

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