



Zhejiang Rongyifu Machinery Tech. Co., Ltd.

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**ZHEJIANG
RONGYIFU MACHINERY
TECH. CO., LTD.**

Company Profile

Zhejiang Rongyifu Machinery Tech. Co., Ltd. is located in No. 28-2, Qianxi Road, Taozhu Street, Zhuji City, Zhejiang Province. Main R&D, production and sales: Socks, glove dotting machine, socks setting machine and other relevant non-standard mechanical equipment.

With the professional technical team, the company lays emphasis on the R&D

and production of new product and upgrading and reconstruction of old products, attaches importance to the intellectual property protection and has won many invention patents and more than twenty utility model patents and appearance patents.

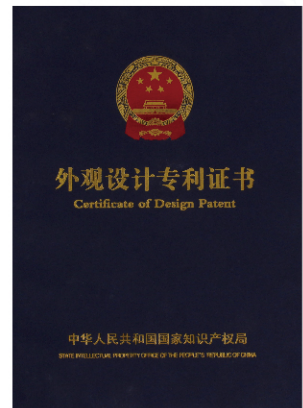
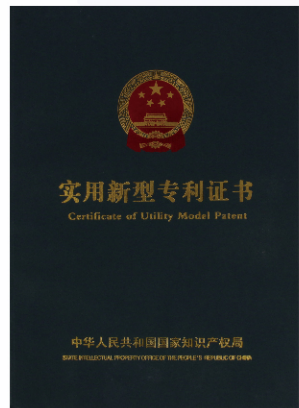
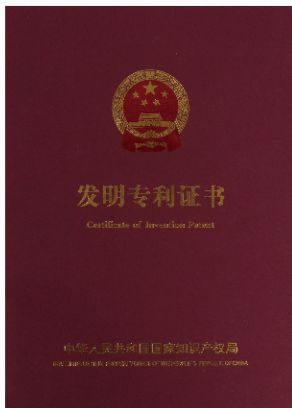
Enterprise philosophy: Take honesty as basis, make things simple.



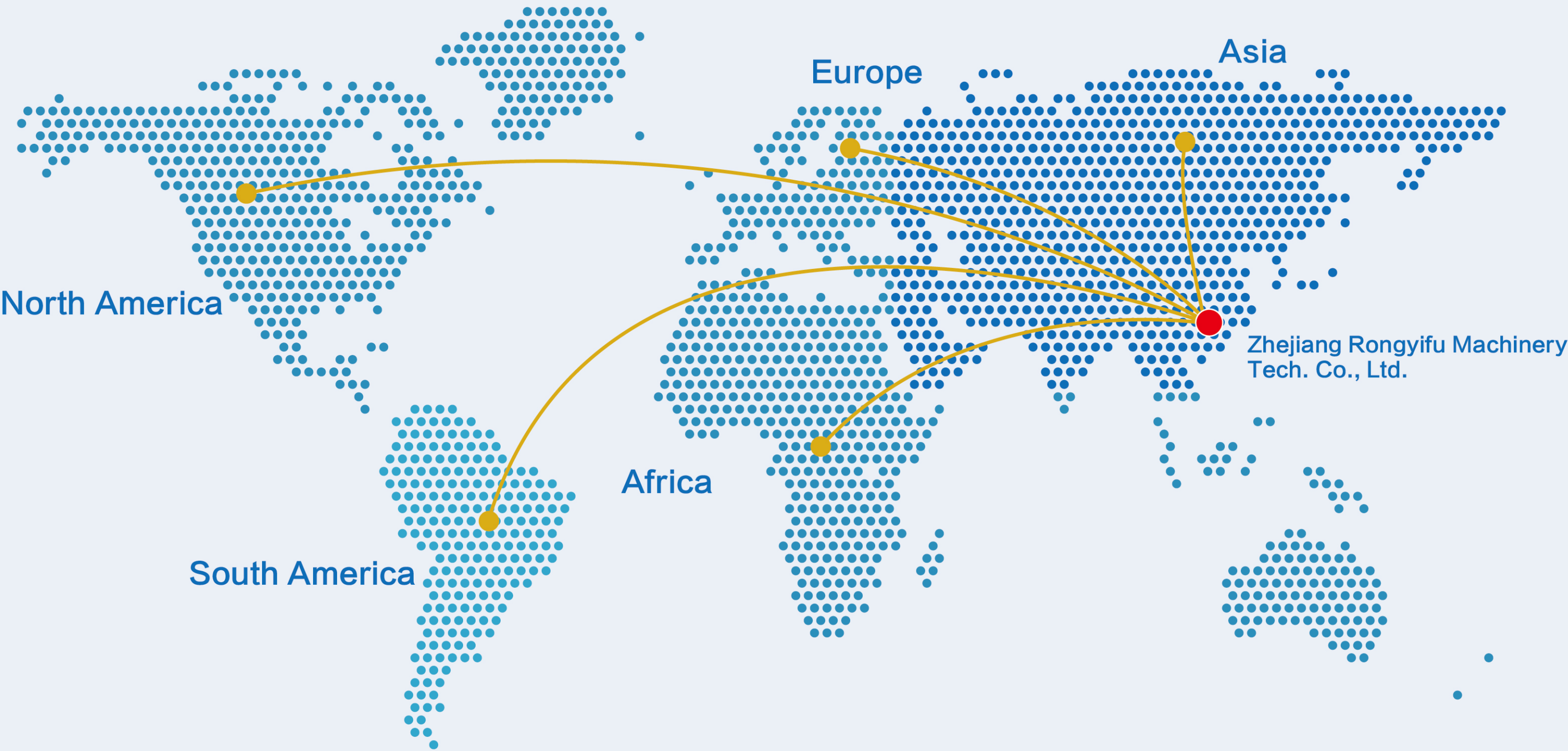
Plant interior



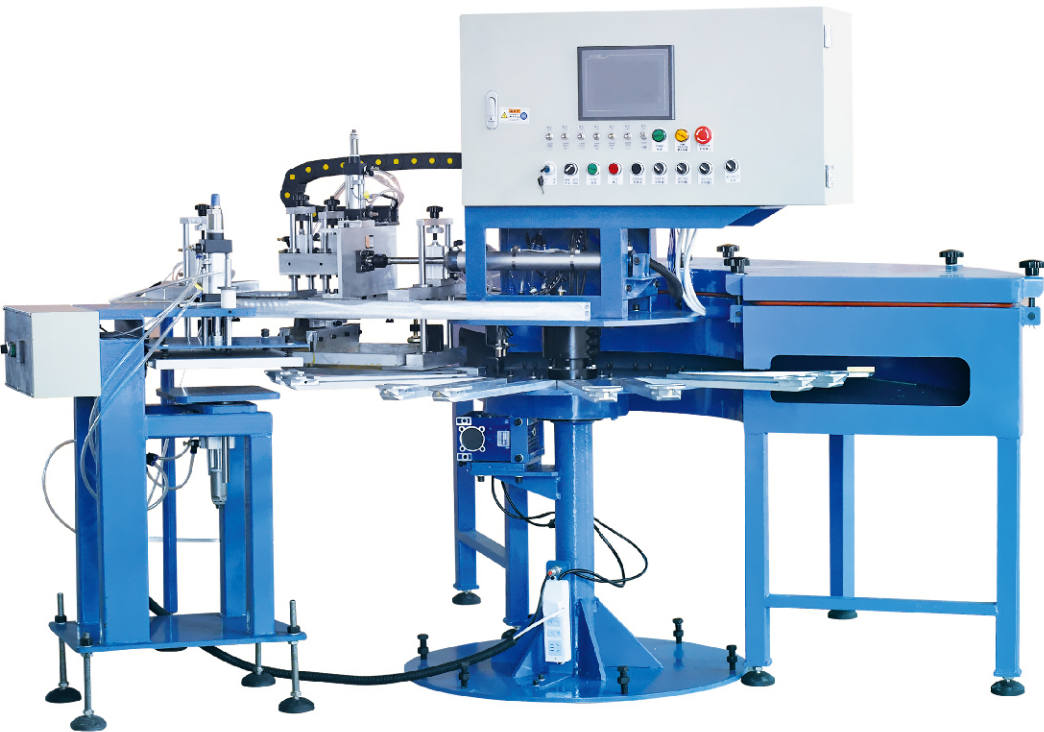
Enterprise Honors



Sales network



Product Introduction



RYFN – 18PS all computer control dotting machine

MODEL	RYFN - 18PS all computer control dotting machine	
SPECIFICATION	Dimension 2,350MM (length) × 1,900MM (width) × 1,550MM (height)	
WORK CYCLE	600 pairs/hour (stealth boat socks) with two people's operation 200 pairs/hour (glove) with one person's operation	
TEMPLATE QUANTITY	18 pcs (9 pairs)	
POWER REQUIREMENTS	6KW 380V, 3P, 50/60HZ (excluding air compressor)	
AIR PRESSURE REQUIREMENTS	0.5-0.7Mpa, 0.2cbm/min	
PERFORMANCE	ECONOMICAL	The drying baker adopts the optimization design and it would save more than 20% power than the traditional dotting machine.
	FAST	600 pairs/hour at the fastest speed
	STABLE	The whole machine adopts the latest optimization design, and the print head is also stable at high speed.
	EASY OPERATION	The double counter is adopted to count the quantity of each package and the daily output.



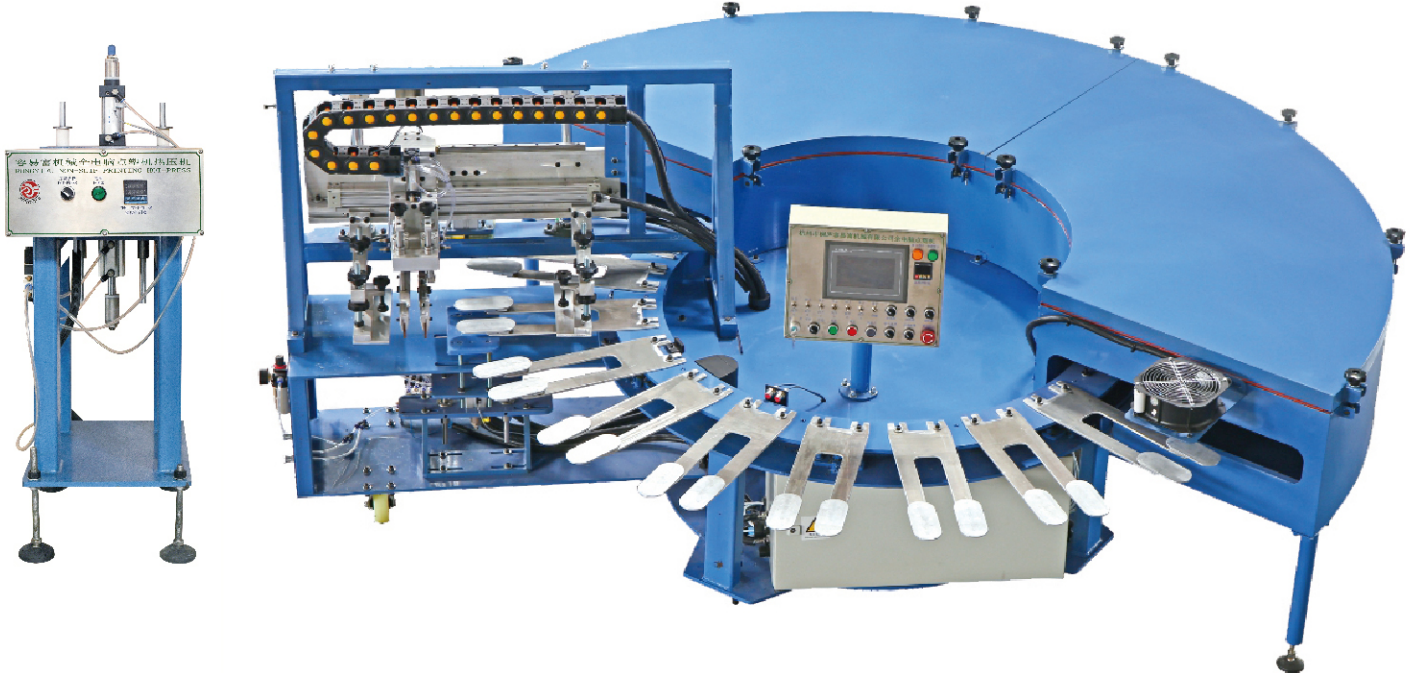
RYFN – 24PS all computer control dotting machine

MODEL	RYFN-24PS all computer control dotting machine	
SPECIFICATION	Dimension 2,650MM (length) × 1,800MM (width) × 1,200MM (height)	
WORK CYCLE	12 pairs/min. at the fastest speed (720 pairs/hour at the fastest speed)	
TEMPLATE QUANTITY	24 pcs (12 pairs)	
POWER REQUIREMENTS	8.5KW (drying baker 7.5KW server motor 1KW) 380AC 50/60HZ (excluding air compressor)	
AIR PRESSURE REQUIREMENTS	0.5-0.7Mpa, 0.2cbm/min	
PERFORMANCE	ECONOMICAL	The drying baker adopts the optimization design and it would save more than 20% power than the traditional dotting machine.
	FAST	720 pairs/hour at the fastest speed
	STABLE	The whole machine adopts the latest optimization design, and the print head is also stable at high speed.
	EASY OPERATION	The double counter is adopted to count the quantity of each package and the daily output.



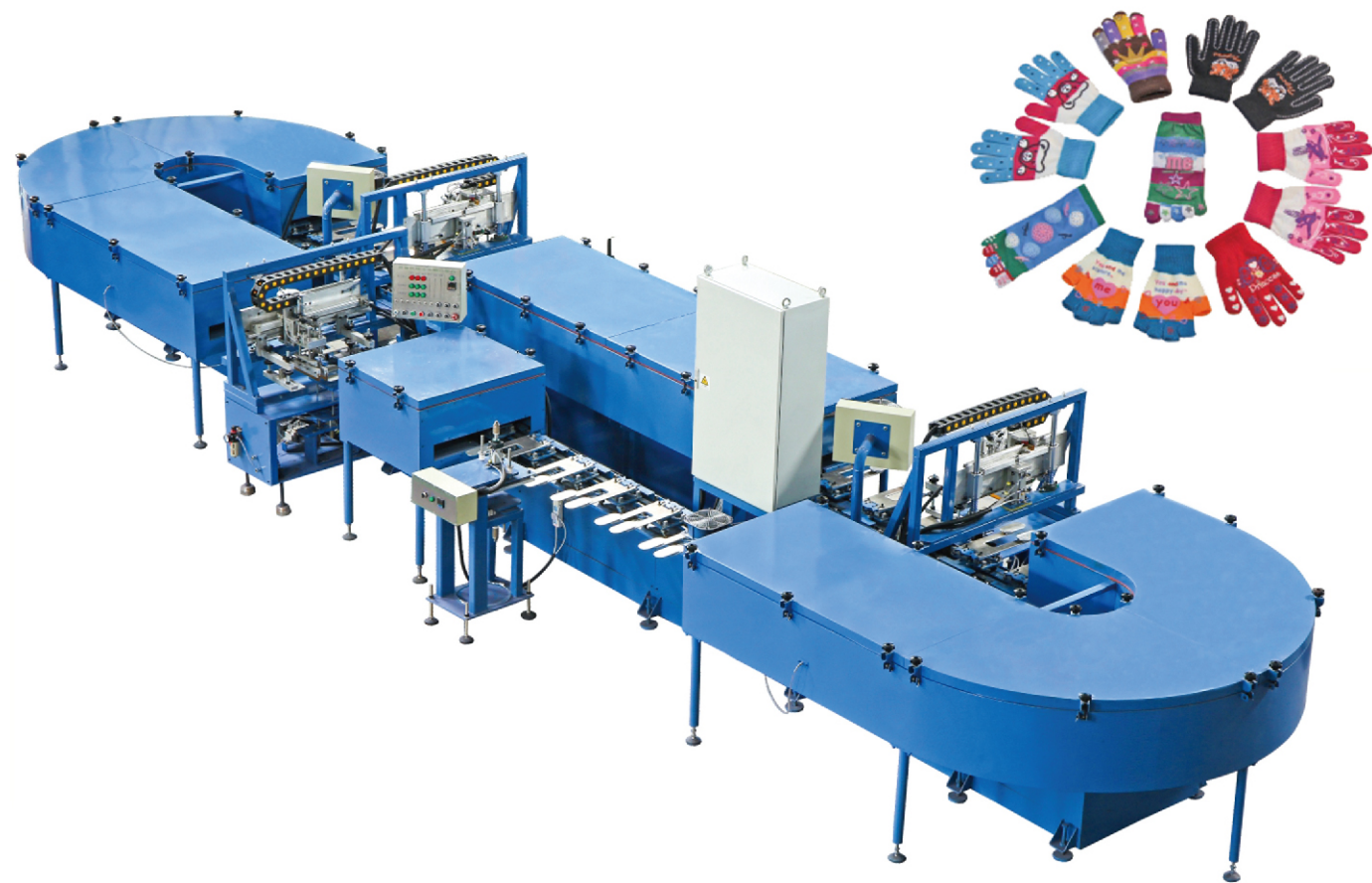
RYFN – 36PS all computer control dotting machine

MODEL	RYFN-36PS all computer control dotting machine	
SPECIFICATION	Dimension 3,100MM (length) × 3,100MM (width) × 1,200MM (height)	
WORK CYCLE	24 pairs/min. at the fastest speed (1,400 pairs/hour at the fastest speed)	
TEMPLATE QUANTITY	36 pcs (18 pairs)	
POWER REQUIREMENTS	16KW (drying baker 15KW server motor 1KW) 380AC 50/60HZ (excluding air compressor)	
AIR PRESSURE REQUIREMENTS	0.5-0.7Mpa, 0.3cbm/min	
PERFORMANCE	ECONOMICAL	The drying baker adopts the optimization design and it would save more than 20% power than the traditional dotting machine.
	FAST	1,400 pairs/hour at the fastest speed
	STABLE	The whole machine adopts the latest optimization design, and the print head is also stable at high speed.
	EASY OPERATION	The double counter is adopted to count the quantity of each package and the daily output.



RYFN – 40PS all computer control dotting machine

MODEL	RYFN-40PS all computer control dotting machine	
SPECIFICATION	Dimension 3,100mm (length) × 3,100mm (width) × 1,200mm (height)	
WORK CYCLE	24 pairs/min. at the fastest speed (1,400 pairs/hour at the fastest speed)	
TEMPLATE QUANTITY	40 pcs (20 pairs)	
POWER REQUIREMENTS	16KW (drying baker 15KW server motor 1KW) 380AC 50/60HZ (excluding air compressor)	
AIR PRESSURE REQUIREMENTS	0.5-0.7Mpa, 0.3cbm/min	
PERFORMANCE	ECONOMICAL	The drying baker adopts the optimization design and it would save more than 20% power than the traditional dotting machine.
	FAST	1,400 pairs/hour at the fastest speed
	STABLE	The whole machine adopts the latest optimization design, and the print head is also stable at high speed.
	EASY OPERATION	The double counter is adopted to count the quantity of each package and the daily output.



RYFN 96 – 200PS all computer control dotting machine

MODEL	RYFN96-200PS all computer control dotting machine	
SPECIFICATION	Dimension 9,000-20,000mm (length) × 2,500mm (width) × 1,500mm (height)	
WORK CYCLE	16 pairs/min. at the fastest speed (960 pairs/hour at the fastest speed)	
TEMPLATE QUANTITY	20-200 pcs (40-100 pairs)	
POWER REQUIREMENTS	130-90KW	
AIR PRESSURE REQUIREMENTS	0.5-0.7Mpa, 0.2cbm/min×(2-6)	
PERFORMANCE	ECONOMICAL	The drying baker adopts the optimization design and it would save more than 20% power than the traditional dotting machine.
	FAST	960 pairs/hour at the fastest speed
	STABLE	The whole machine adopts the latest optimization design, and the print head is also stable at high speed.
	EASY OPERATION	The double counter is adopted to count the quantity of each package and the daily output.

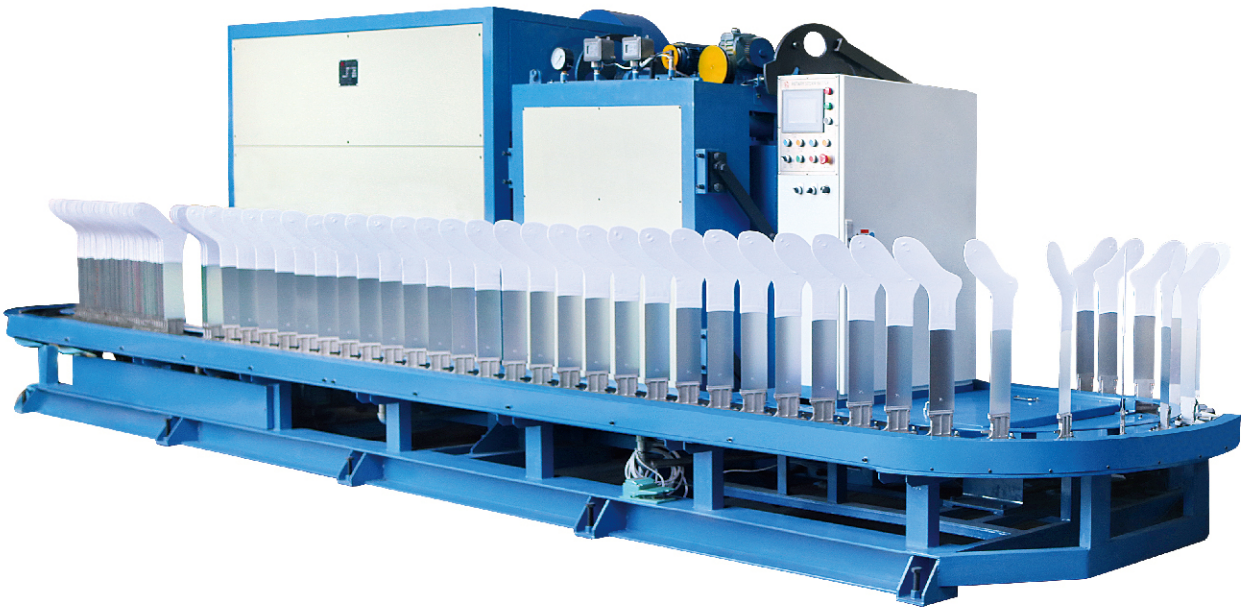


RYFS – 280PSA rotary steam setting machine

Performance characteristics

- 1.The machine adopts OMRON PLC-HMI, the setting process parameters are simple and convenient, the workflow is clear, and the cause of failure is clear at a glance.
- 2.The machine adopts the pressure sensor to collect the steam pressure data, and the steam pressure at working could be adjusted arbitrarily in the range of 0-3 kg. Seven sets of setting process parameters can be set for 7 sets of templates.
- 3.The machine abandons the traditional clutch, and uses two motors to drive the front chain and rear chain, respectively. The speed could be adjusted by the frequency converter and the machine could conduct the positive and negative rotation, with the convenient operation.
- 4.The push rod could be positively and negatively rotated manually, with convenient maintenance.
- 5.Innovative transmission mode reduces the abnormal sound, improves the stability of setting machine and increases the output.
- 6.The initiate 7 groups of sock seat can work circularly and the output is increased by more than 20%.
- 7.With automatic socks removal function.

MODEL			RYFS-280PSA
Output/hour	Sock setting time per piece	0.7 sec./pcs	209 dozens/hour
		0.8 sec./pcs	183 dozens/hour
Manpower requirements			6 persons
Power requirements			About 12KW, AC380V, 3 phases, 50/60hz
Model quantity			280 pcs (40 pcs x 7 groups)
Steam shaping box			Interior capacity 0.369m³
			Max 3 bar
Dimension			8,600mm length × 2,100mm width × 2,200mm height
Steam Requirements			300Kg/hr
			7 bar(Min 5bar)
Requirements of Compressor			0.3 cbm/min
			Min 5 bar

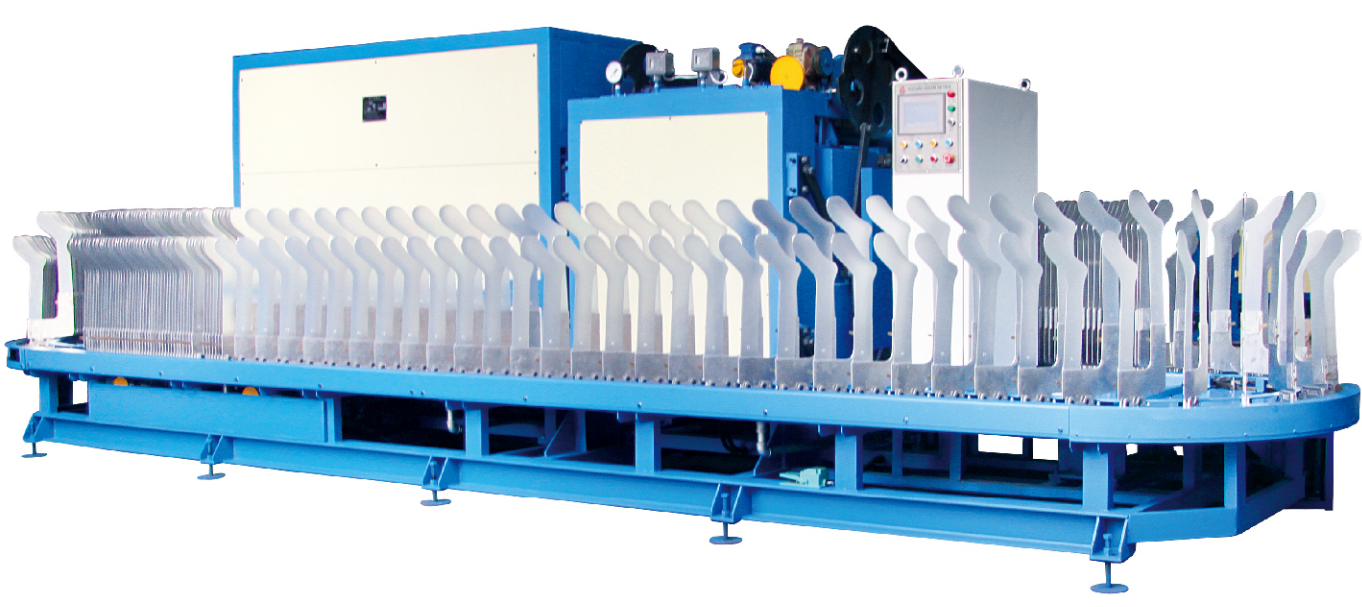


RYFS – 280PS rotary steam setting machine

Performance characteristics

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- 3.The machine abandons the traditional clutch, and uses two motors to drive the front chain and rear chain, respectively. The speed could be adjusted by the frequency converter. The machine could conduct the positive and negative rotation, with the convenient operation.
- 4.The push rod could be positively and negatively rotated manually, with convenient maintenance.
- 5.Innovative transmission mode reduces the abnormal sound, improves the stability of setting machine and increases the output.
- 6.The initiate 7 groups of sock seat can work circularly and the output is increased by more than 20%.

MODEL			RYFS-280PS
Output/hour	Sock setting time per piece	0.6 sec./pcs	240 dozens/hour
		0.7 sec./pcs	209 dozens/hour
		0.8 sec./pcs	183 dozens/hour
Manpower requirements			6 persons
Power requirements			About 12KW, AC380V, 3 phases, 50/60hz
Model quantity			280 pcs (40 pcs x 7 groups)
Steam shaping box			Interior capacity 0.369m³
			Max 3 bar
Dimension			8,000mm length × 2,100mm width × 2,200mm height
Steam Requirements			300Kg/hr
			7bar(Min 5 bar)
Requirements of Compressor			0.3cbm/min
			Min 5 bar

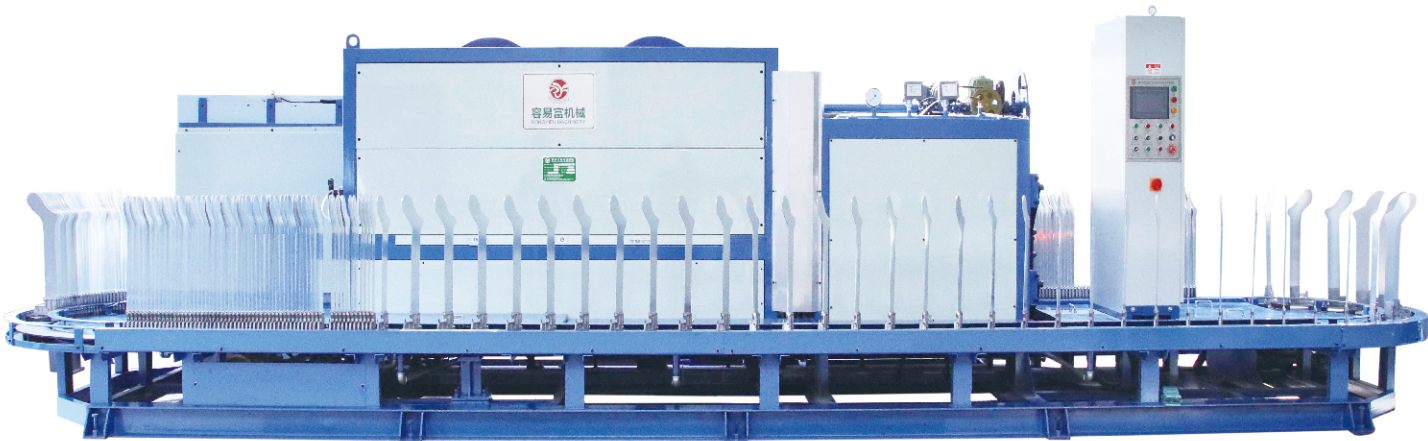


RYFS – 560PS rotary steam setting machine

Performance characteristics

- 1.The machine adopts OMRON PLC-HMI, the setting process parameters are simple and convenient, the workflow is clear, and the cause of failure is clear at a glance.
- 2.The machine adopts the pressure sensor to collect the steam pressure data, and the steam pressure at working could be adjusted arbitrarily in the range of 0-3 kg. Seven sets of setting process parameters can be set for 7 sets of templates.
- 3.The machine abandons the traditional clutch, and uses two motors to drive the front chain and rear chain, respectively. The speed could be adjusted by the frequency converter. The machine could conduct the positive and negative rotation, with the convenient operation.
- 4.The push rod could be positively and negatively rotated manually, with convenient maintenance.
- 5.Innovative transmission mode reduces the abnormal sound, improves the stability of setting machine and increases the output.
- 6.The initiate 7 groups of sock seat can work circularly and the output is increased by more than 20%.

MODEL			RYFS-560PS
Output/hour	Sock setting time per piece	0.6 sec./pcs	480 dozens/hour
		0.7 sec./pcs	418 dozens/hour
		0.8 sec./pcs	366 dozens/hour
Manpower requirements			10 persons
Power requirements			About 12KW, AC380V, 3 phases, 50/60hz
Model quantity			560 pcs (40 pcs x 7 groups)
Steam shaping box			Interior capacity 0.476m³
			Max 3 bar
Dimension			8,200mm length × 2,250mm width × 2,200mm height
Steam Requirements			400Kg/hr
			7bar(Min 5 bar)
Requirements of Compressor			0.3cbm/min
			Min 5 bar



RYFS – 350PS rotary steam setting machine

- 1. RYFS-350/700PS Rotary steam boarding machine is originated with 7 groups frames working system, which is helpful for extending the time of removing socks. The production capacity is increased 20% more than the traditional 6 groups frames machine,
- 2. The push rod is controlled by servo driver. It can run forward or reverse in the manual mode, which is friendly for commissioning or repairing the machine. Meanwhile, the push rod can run with a higher speed and more stabilization in the auto mode.
- 3. The used steam of chamber can be reused along with the supplied team for socks drying, which is our innovation. It can help for saving the steam consumption.
- 4. The frame holder and spider are designed specially, which helps to increase each group’ s frames qty from 40pcs to 50pcs. This can help for saving steam consumption 25% plus.
- 5. The transmission of front chain and back chain are through 2 servo drivers’ coordinated operation, instead of the passive mode of clutch joint. The front chain and back chain can be controlled to run forward of reverse individually in the manual mode, which is friendly operation.
- 6. Equipped with OMRON PLC-HMI control system. The boarding parameter of each group can be set individually among 7 groups. The machine’ s running conditions inclusive of the errors can be shown on the LED screen.
- 7. We have achieved many invention patents and utility model patens.

MODEL			RYFS-350PS
Output/hour	Sock setting time per piece	0.6 sec./pcs	240 dozens/hour
		0.7 sec./pcs	209 dozens/hour
		0.8 sec./pcs	183 dozens/hour
Manpower requirements			6 persons
Power requirements			About 12KW, AC380V, 3 phases, 50/60hz
Model quantity			350 pcs (50 pcs x 7 groups)
Steam shaping box			Interior capacity 0.369cbm
			Max 3 bar
Dimension			8000mm× 2100mm× 2200mm(L×W×H)
Weight			6500Kg
Steam Requirements			300Kg/hr
			7bar(Min 5 bar)
Requirements of Compressor			0.3cbm/min
			Min 5 bar

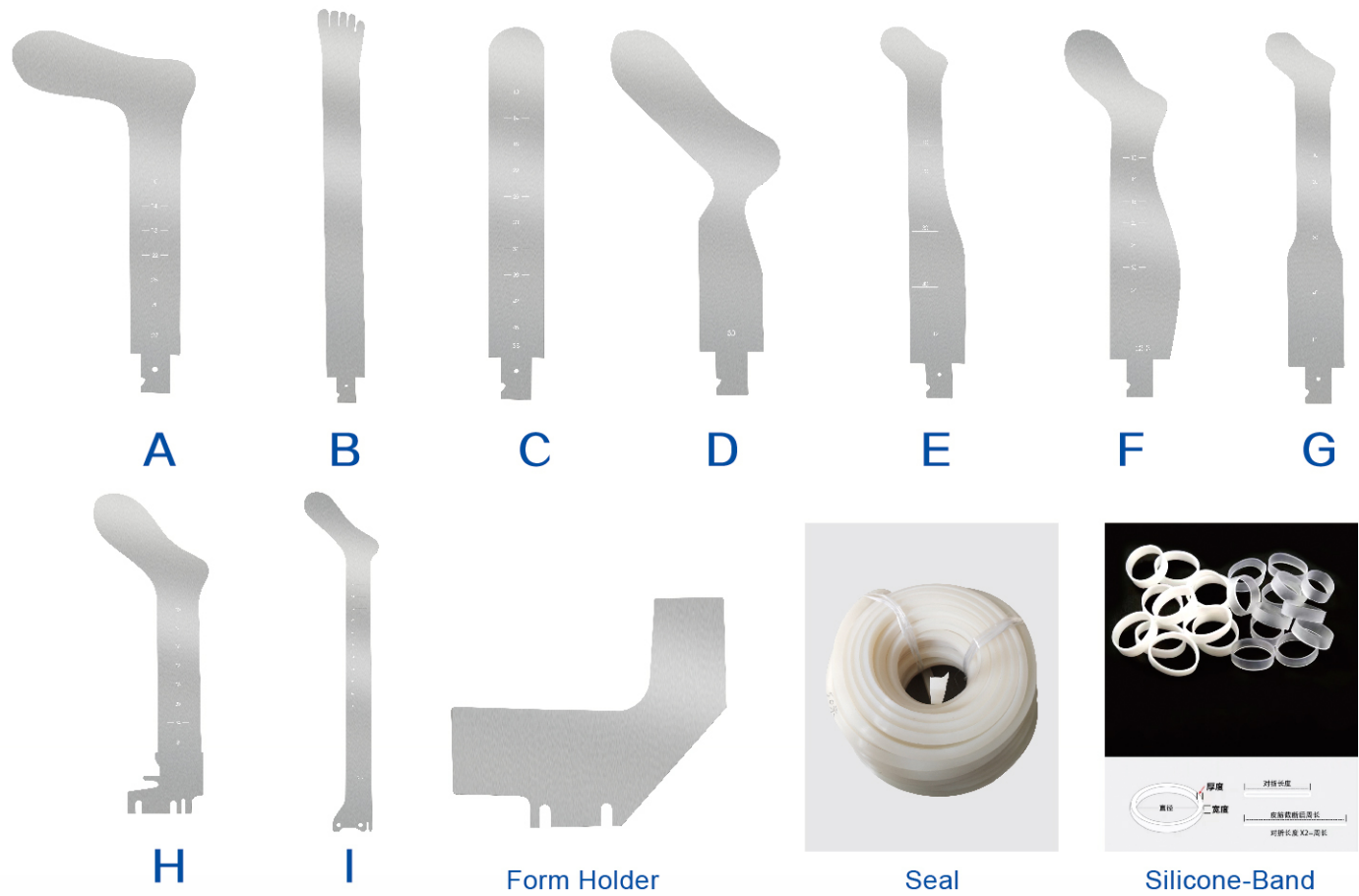


RYFS – 700PS rotary steam setting machine

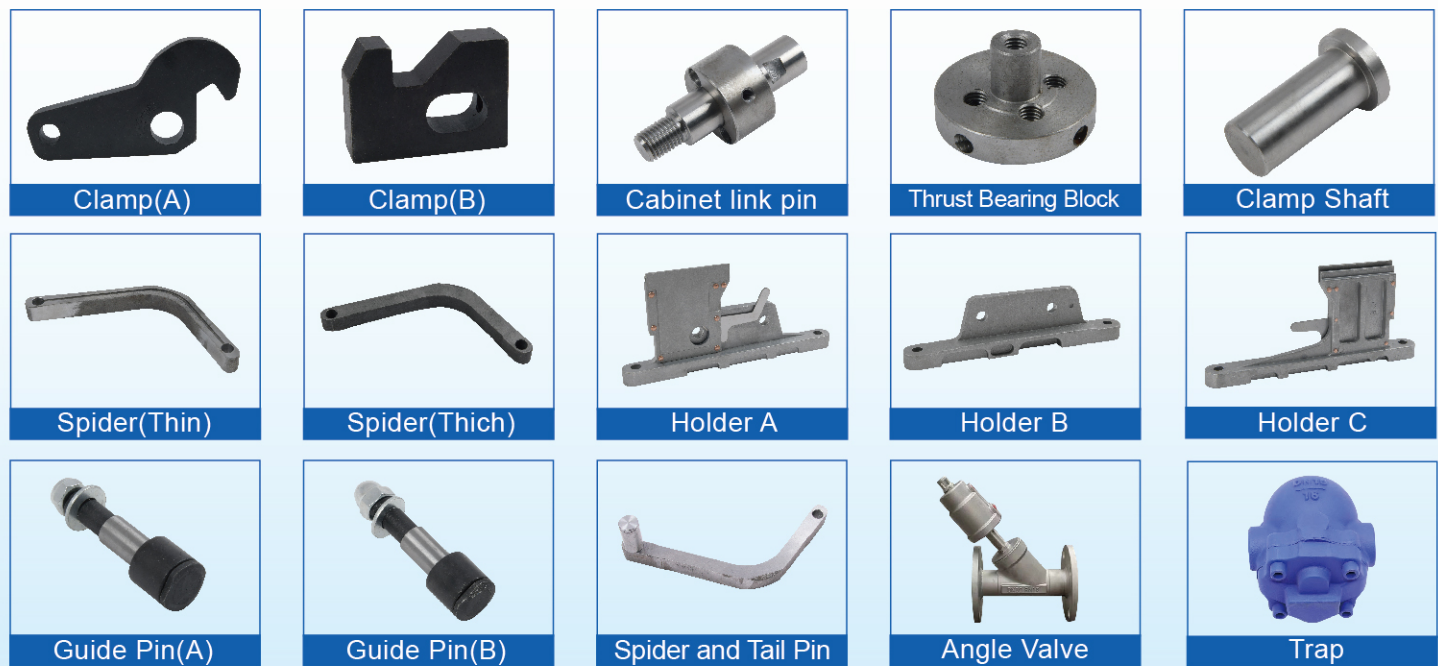
- 1. RYFS-350/700PS Rotary steam boarding machine is originated with 7 groups frames working system, which is helpful for extending the time of removing socks. The production capacity is increased 20% more than the traditional 6 groups frames machine,
- 2. The push rod is controlled by servo driver. It can run forward or reverse in the manual mode, which is friendly for commissioning or repairing the machine. Meanwhile, the push rod can run with a higher speed and more stabilization in the auto mode.
- 3. The used steam of chamber can be reused along with the supplied team for socks drying, which is our innovation. It can help for saving the steam consumption.
- 4. The frame holder and spider are designed specially, which helps to increase each group’ s frames qty from 40pcs to 50pcs. This can help for saving steam consumption 25% plus.
- 5. The transmission of front chain and back chain are through 2 servo drivers’ coordinated operation, instead of the passive mode of clutch joint. The front chain and back chain can be controlled to run forward of reverse individually in the manual mode, which is friendly operation.
- 6. Equipped with OMRON PLC-HMI control system. The boarding parameter of each group can be set individually among 7 groups. The machine’ s running conditions inclusive of the errors can be shown on the LED screen.
- 7. We have achieved many invention patents and utility model patens.

MODEL			RYFS-700PS
Output/hour	Sock setting time per piece	0.6 sec./pcs	480 dozens/hour
		0.7 sec./pcs	418 dozens/hour
		0.8 sec./pcs	366 dozens/hour
Manpower requirements			10 persons
Power requirements			About 12KW, AC380V, 3 phases, 50/60hz
Model quantity			700 pcs (50 pcs x 7 groups)
Steam shaping box			Interior capacity 0.476cbm
			Max 3 bar
Dimension			8200mm × 2250mm× 2200mm(L×W×H)
Weight			7150Kg
Steam Requirements			400Kg/hr
			7bar(Min 5 bar)
Requirements of Compressor			0.3cbm/min
			Min 5 bar

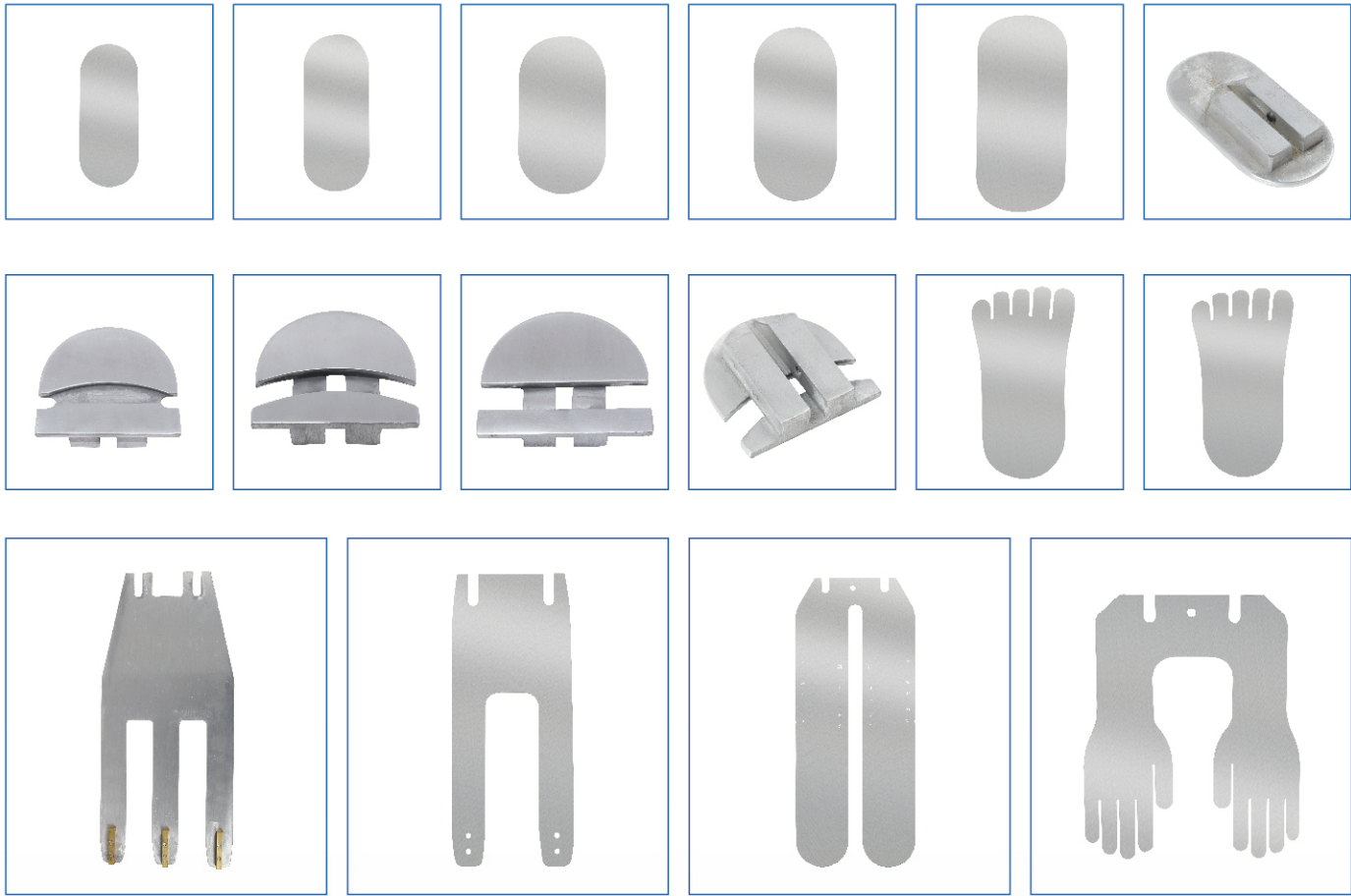
► Frame and consumable parts for boarding machine



► Spare parts for boarding machine



► Dotting machine frames



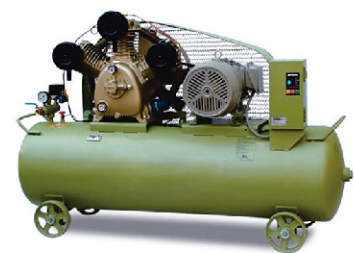
► Dotting machine accessories



► Samples



► Relative equipments



Air Compressor(Piston or Screw Style)



Suction Blower



Air Dryer



Voltage Machine



Air Tank



Steam generator

