

Automatic

Sleeve Labeling Machine

SL-150



02-8921588

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TRUE TECH

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Automatic SL-150

Sleeve Labeling Machine

Automatic Sleeve Labeling Machine :

1. Automatic control material feeding system, make the shrink label in level and adjust tensility.
2. Special designed cutter head, in the specification range, no need change knife file, knife change is quick and convenient.
3. Centre guide pole holding system, fast to change mould no need any tools.
4. Volume label locating device, can adjust the position synchronously according to bottle request.
5. Apply step motor import from Japan and high sensitivity photoelectricity, cutting label precision is high.
6. Stainless steel eletricity control box, PLC apply Japan Panasonic.
7. Apply advance man-machine interface automatic control technology, all key parts apply international famous brands.
8. Capacity: **5,000-36,000BPH** (According to customers needing)



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Sleeve Labeling Machine

Feature:

1. Made of stainless steel and high quality aluminum alloy, structure is reasonable and compact, adjustable is convenient.
2. No need stone bolt, can move conveniently to cooperate with production areas well.
3. Shrink film volume label shelf equipped with adjustable automatic device, can be adjusted according to different volume label paper pipe from 5"-10".
4. Can suitable for round bottle and square bottle after some change.
5. Conveniently adjust transmission machinery without any tool, be applicable for different bottle type.
6. Unique sleeving label method, apply pressing sleeving label method, convenient and reasonable.
7. Automatic control material feeding system, make the shrink label in level and adjust tensility.
8. Special designed cutter head, in the specification range, no need change knife file, knife change is quick and convenient.
9. Centre guide pole holding system, fast to change mould no need any tools.
10. Volume label locating device, can adjust the position synchronously according to bottle request.
11. Apply step motor import from Japan and high sensitivity photoelectricity, cutting label precision is high.
12. Stainless steel electricity control box, PLC apply Japan Panasonic.
13. Apply advance man-machine interface automatic control technology, all key parts apply international famous brands.

Technology parameter:

Production capacity: 100-150BPM
(basis on 80mm length label, 500ml bottle)
Label specification: $\Phi 30 \sim 125\text{mm}$
Bottle diameter: $\Phi 28 \sim 125\text{mm}$
Label length: 30~325mm
Label thickness: $\geq 0.035\text{mm}$
Label material: PVC/PET/OPS
Main machine power: 2.5KW, 380V, 50HZ
Overall dimension: 2000 $\times$ 750 $\times$ 2150mm
Weight: 350Kg

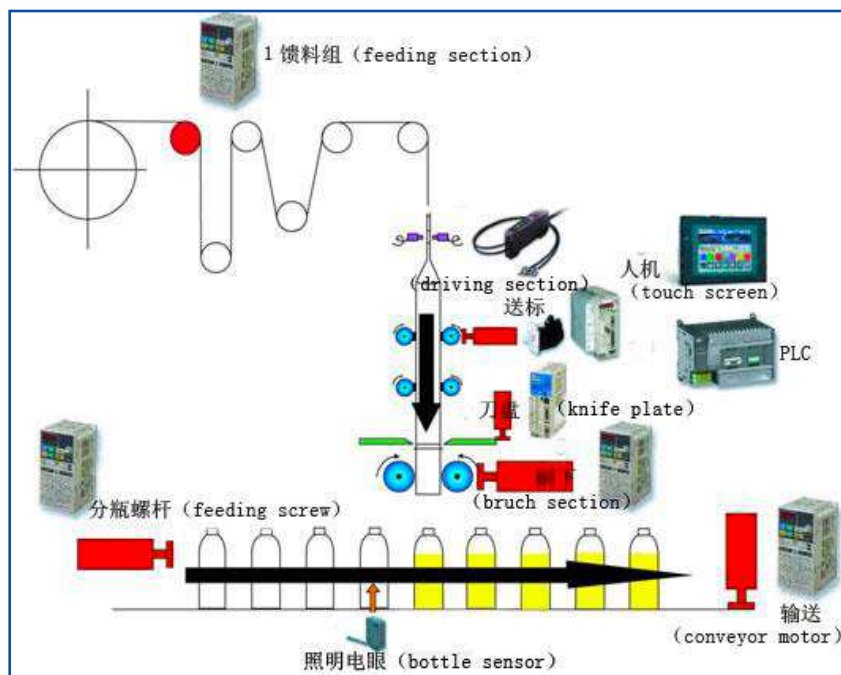
Steam shrink tunnel:

1. Adjustment is convenient for different shapes round bottle or square bottle. Improve shrinking efficiency greatly. Shrink label is even and smooth.
2. Steam spray method apply sub-drum design method adjustable steam guide flow system, pipes are smoothly cover no space. Spray out mouth divide into three sections, each section height, forward and back and output steam capacity can be adjustable. To reach perfect shrink effect.
3. Low pressure sub-drum apply seamless pipe design, each connecting pipe use stainless steel tube quick coupling, disassembly and installation is convenient. SUS304 frame save energy and accord with foodstuff safe standard.
4. Stainless steel drain tray on the bottom centralize condensation water, can discharge by connection pipes, no effect on working condition, equipped with 2 windows on the machine.
5. Water resistant design, made from stainless steel, convenient for operation and maintenance.

Technology parameter:

Power: 380V, 18KW
Steam consumption: 24Kg/H
Steam pressure: 0.3-0.45Mpa
Overall dimension: 1550 $\times$ 350 $\times$ 1800mm (L $\times$ W $\times$ H)

Process flow:



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Steam generator :

Product feature:

1. Compact structure, small volume, equipped with automatic water make up pump, also set up fully automatic water level control, pressure control, can work continuously.
2. Small water capacity, high work pressure and steam temperature, solve the need of small evaporation capacity, high pressure steam.
3. Steam output valve can connect with rigid tube directly, as well as high temperature resistance steam rubber tube. Save use time effectively.
4. Whole machine cover small areas, move, installation and use are very convenient. Professional Beverage Filling Machine Manufacturer

Standard electric components List :

Optional Fittings List of standard electric appliance

Name	Electric appliance name	Type	Quantity	Manufacturer	Place of origin
Lifting unit	Small power AC Motor	5IK90GU-CF-5GU30KB	1	ZD	Taiwan
Brush lower unit	Small power AC Motor	5IK120A-CF	1	ZD	Taiwan
Feeding unit	Small power AC Motor	RV50-15K-180	1	SANI	Taiwan
	Frequency transducer	ATV11HU05M2A	1	Schneider	France
	Photoelectricity sensor	CX-421	1	Panasonic	Japan
Bottle unit	Small power AC Motor	5IK90GN-SF-5GN15K	1	ZD	Taiwan
	Frequency transducer	ATV11HU05M2A	1	Schneider	France
Bottle distribution unit	Small power AC Motor	5IK90GN-SF-5GN0.757K	1	ZD	Taiwan
	Frequency transducer	ATV11HU05M2A	1	Schneider	France
Brush unit	Small power AC Motor	4IK25GN-C-4GN3K	2	ZD	Taiwan
Knife disc unit	Knife disc motor	BCH0801*1*1C	1	schneider	France
	Knife disc motor	LXM23CU04M3X	1	schneider	France
	Micro Photoelectricity sensor	PM-L44	2	Panasonic	Japan
Driving unit	Driving motor	BCH0801*1*1C	1	schneider	France
	Driving motor	LXM23CU04M3X	1	schneider	France
Electric eye unit	High-speed optical fiber sensor	FX-301	1	Panasonic	Japan
Lighting unit	Photoelectricity sensor	CX-442	1	Panasonic	Japan
Conveying unit	Frequency transducer	ATV11HU05M0.75A	1	schneider	France
	Motor	RV50-25K-0.75KW	1	SANI	Taiwan



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Electric appliance cabinet				
PLC		1	Panasonic	Japan
Touch screen	MT506-MV	1	WEINVIEW	Taiwan
Power switch	MW-220-50-24	1	Taiwan Min Wei	Taiwan
Low-voltage electric appliance	D1810 25A	2	Omron	Japan
Circuit breaker		1	Merlin	China
Socket	10A	2		
Relay module	10A	4		
Intermediate relay	0—10V	4		
Protection fuse		1		
Terminal row		1		
regulation resistance		4		
Emergency button				
2-digital selection switch				
Button with indication lamp				

Name	Spec	Quantity	Remarks
Driver belt	5M -500-15 W	1 Root * 2	Free
Knife disc belt	5M -450-15W	1 Root* 2	Free
Brush labe belt	114XL*12W	2Root* 2	Free
Blade		2Box* 2	Free
Brush		300Root * 2	Free
Additional parts for free: Bearing (Mechanical standard part)			
6002ZZ		10 pcs * 2	Free
6001ZZ		10 pcs* 2	Free
6801ZZ		4 pcs* 2	Free
6802ZZ		4 pcs* 2	Free
6902ZZ		2 pcs* 2	Free
Conveyer Belt		7M	free

Toolbox List :

NO	Name	Spec	Quantity
1	Open-end wrench	14、12、8、10 (totally 4 pcs)	1 set
2	Flexible spanner	250 * 30	1 pcs
3	Inner hexagon spanner	Totally 7 pcs	1 set
4	Open-end screwdriver	6 * 100mm、3*75mm	1 set
5	plum blossom type screw driver	6 * 100mm、3*75mm	1 set



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