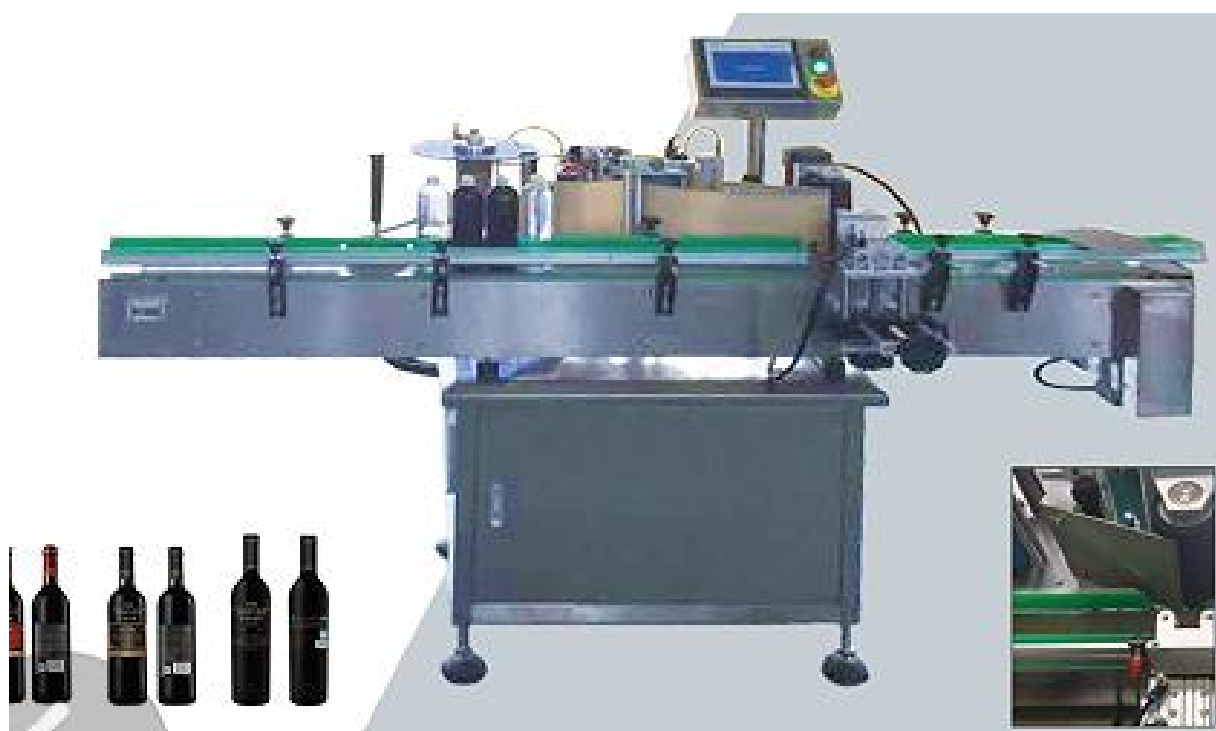




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Auto Clamp Positioning Self-Adhesive Labeling Machine RXL-DW



1. Basic Purposes:

This equipment is a round bottle, conical bottle labeling machine equipment, dedicated to the round class labeling, can be labeled with single and double labels, front and back double label spacing can be flexibly adjusted; with conical bottle labeling function; optional circumferential positioning detection device, can be realized in the circumference of the surface of the specified position labeling.

Scope of application:

Applicable labels: self-adhesive labels and double labels.

Applicable labels: self-adhesive labels / self-adhesive film, etc.

Applicable products: round bottles between 50mm~150mm in diameter (special specifications need to be customized).

Application industry: Widely used in medicine, food, toys, daily chemicals and other industries.



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2. Work Process:

* Core working principle: the product from the previous station into the labeling machine conveyor belt, the sensor detects the product passes through, sends back a signal to the labeling control system, the bottle jamming mechanism will be stuck in the barrel and rotate at high speed, when the signal is detected by the color coding photoelectricity, the control system controls the corresponding motor to send out labels and attach them to the product to be labeled position, and at the same time overlaying the labeling, the labeling of a label attachment action is completed.

* Operating process:

- > put the product conveyor belt (can be connected to the assembly line)
- > product conveying
- > bucket carrier
- > product detection
- > product positioning
- > labeling and labeling
- > collection of labeled products.

3. Functions & Features:

- ◆ Simple adjustment, configured with front and rear, left and right, up and down direction, plane tilt, vertical plane tilt adjustment seat, different barrel shape switching without dead angle, simple and quick adjustment;
- ◆ Touch screen control, human-computer interaction interface with operation teaching function, parameter modification is intuitive and clear, and various functions are simple to switch;
- ◆ Intelligent control, automatic photoelectric tracking, with nothing not labeling, no labeling automatic correction and labeling automatic detection function, to avoid waste labels and leakage of labeling;
- ◆ Solid and hygienic, mainly made of stainless steel and high-grade aluminum alloy, with firm quality, in line with GMP production requirements;
- ◆ It has automatic stop function, production counting function, power saving function (when there is no production in the set time, the equipment will automatically turn to power saving standby state), production number setting prompt function, parameter setting protection function (parameter setting is managed by authority), which is convenient for production management;

Optional functions:

- ① hot coding / coding function;

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- ② automatic feeding function (vertical bottle feeder);
- ③ Automatic receiving function (combined with product consideration);
- ④ Add labeling device;
- ⑤ Labeling device;
- ⑤ Label-free bottle rejection function (customized according to customer's requirements).

4. Tech. Parameters:

Power Supply	AC220V 50/60HZ (according to user)
Power Consumption	1100W
Labeling Speed	40-60 bottles per minute (adjustable speed, depending on objects and label length)
Labeling Accuracy	±1mm (depending on product characteristics, hardness and roundness)
Drum Dia.	25-70mm ; 40-100mm; 60-130mm
Object Range	Height: 20mm~~300mm (according to user)
Label Spec.	Height: 10-80mm , 20-150mm ; Length: 15-300mm (can be customized if needed)
Film Roller Inner/Outer Dia.	Inner: Φ76mm; Outer: Φ300mm(max.)
Air Pressure	0.4-0.6Mpa
Machine Net Weight	200.00kg
Packaging Size	1950X1100X1300mm
Conveyor Width	Can be customized according to user provided sample bottle dia.

5. Main Components List:

Auto Clamp Orientation Self-Adhesive Labeling Machine					
No.	Components Name	Qty	Unit	Brand	Origin
1	Human Interface (HMI)	1	pcs	SIEMENS	Germany



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2	PLC	1	pcs	SIEMENS	Germany
3	Labeling Motor	1	pcs	Panasonic	Japan
4	Labeling Motor Driver	1	pcs	Panasonic	Japan
5	Conveyor Motor	1	pcs	JSCC	China
6	Conveyor Motor VFD (Variable Frequency Drive)	1	pcs	DELTA	Taiwan
7	Bottle Separation Wheel Motor	1	pcs	JSCC	China
8	Bottle Separation Wheel Motor Controller	1	pcs	JSCC	China
9	Label Roll Motor	1	pcs	JSCC	China
10	Label Roller Motor Controller	1	pcs	JSCC	China
11	Low Voltage Electrical Appliance	1	set	SCHNEIDER	France
12	Label Sensor	1	set	LEUZE	Germany
13	Labeling Sensor	1	set	OMRON	Japan
14	Synchronous Toothed Belt	1	set	BANDO	Japan
15	Pneumatic Components	1	set	AirTAC	Taiwan
16	Conveyor	1	set	LL	China
17	Labeling Machine Stand	1	set	304 Stainless Steel	China
18	System Integration	1	set	RuiXiao	China