

# Automatic Paging & Printing & Labeling Machine for Empty bag, Unshaped carton, Tag, Paper, Card

## Specifications :

Price	Contact us
Brand Name	Hanyi
Place of Origin	China
Min.Order Quantity	1
Payment Terms	T/T
Supply Ability	1000
Delivery Detail	3days-7days
Packaging Details	Wooden case or wooden pellets depended on clients' require

## Detail Introduction :

### Overall overview

1. The automatic paging & printing & labeling machine is suitable for automatic labeling of various products in medicine, food industry, etc., such as empty bag, tag, paper, card, unshaped carton, etc.
2. The machine can automatically peel off and attach the self-adhesive label on the bottom paper to the designated position of the product through the automatic label feeder.
3. Integral design, which can be used as a stand-alone machine or loaded on the customer's production line through connection. The installation and integration of the production line are relatively flexible.
4. Equipped with an automatic sorting machine, a zebra printer and an automatic labeling device (labeling engine), which automatically sticks to the substrate after the label is issued, and at the same time, it has the function of brushing the label firmly by the brush or sponge mechanism.
5. Equipped with PLC control system and HMI display for program control, operation and display information of the entire machine.
6. The label of the device is printed online, and the label can be directly installed on the label tray of the labeling machine for use.



## Application

Suitable for automatic labeling of various products in medicine, food industry, etc., such as empty bag, tag, paper, card, unshaped carton, etc.

### **Main features**

1. Wide range of applications.

It is suitable for various medicine and food packages. The adjustment mechanism and labeling position can be adjusted at will. Other products outside the range can be customized according to customer samples.

2. Labeling method

Scratch-and-stick type.

3. Labeling control system:

Adopts high-precision labeling system, which has fast labeling speed, high precision and stable work. Multi-function operation interface, flexible conversion between Chinese and English interface.

4. Label inspection system:

Adopts ultrasonic photoelectric sensor to automatically detect the stop position and label length, which is stable and convenient, one-key setting, no need to adjust.

5. Alarm function:

When machine such as missing label or broken label encounters any failure during the production process, it will alarm and shut down, and the alarm method can be selected.

6. Simple operation and maintenance.

After simple training, employees can operate and maintain the machine independently.

7. Compact structure

Take up smaller floor space, convenient for machine movement and placement.

8. Cost save

It can save 2-3 labors for the company.

### **Technical parameters of labeling machines**

1. Drive mode: self-developed servo system labeling engine.

2. Conveying method: belt conveyor.

3. Labeling method: flat labeling, scratch-off.

4. Suitable material size: Material width within 60-250mm can be compatible

5. Suitable label size: Material width within 60-250mm can be compatible

6. Applicable label: machine-use roll label, the backing paper is transparent or opaque glassine material.

7. Labeling speed: 60-100 pieces/minute (standard).

8. Labeling accuracy:  $\pm 2\text{mm}$  (except for material and label factors).

9. With no box and no labeling function. When there is no label, the labeling machine will automatically alarm and display on the screen, and the machine will stop.

10. Weight: about 300KG.

11. machine power: 1KW.

12. Power supply: AC220V 50/60HZ single phase.

13. Operating environment temperature: 0-50°C.

14. Environmental relative humidity: 15-95%.

15. Overall dimension: 2300mm\*1000mm\*1700mm.

### **Technical parameters of Printers**

1. Resolution: 300dpi;

2. Printing speed: 200-300mm/s;

3. Ribbon length: 300 m;

4. Ribbon width: up to 110 mm;

5. Label: inner diameter 76mm, outer diameter maximum 250mm;

6. Label size: According to the label provided by the customer;
7. Printing method: thermal transfer or direct thermal printing;
8. Direction: right or left;
9. Media thickness (label and bottom paper): 0.0053 inch/0.135 mm-0.010 inch/0.254 mm;
10. The outer diameter of the core is 4 inches/101.6 mm, and the inner diameter of the core is 1 inch/25.4 mm;
11. Storage humidity: 5% to 95%, no condensation;
12. Communication method: 232 serial port, USB and network port, etc.; ZPL or ZPLL programming language.

Item	Name of electrical parts	Brand	Model	Quantity
1	PLC programmable controller	Germany brand Siemens	6ES7 288-1ST20-OAAO	1
2	Human-machine interface	Germany brand Siemens	6AV6 648-0CC11-3AXO	1
3	Printer	American brand Zebra	ZT610	1
4	Inverter	Taiwan brand DELTA	VFD002L21A	1
5	Label outlet motor	Taiwan brand DELTA	ECMA-C20604RS	1
6	Driver	Taiwan brand DELTA	ASD-B2-0421-B	1
7	Labeling sensor	Japanese brand KEYENCE	FS-N18N	1
8	Label detection sensor	Germany brand LEUZE	GS61/6.2	1
9	Switching power supply	Taiwan brand DELTA	PMC-24V035W1AA	1
10	Circuit breaker	French brand Schneider	IC65N 2P	4
11	Relay	French brand Schneider	RXM2LB2BD	8