

Automatic High Speed Combo Check weigher, Labeling and Printing Machine(All-in-one)

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 :

Machine Picture



Machine description

Scope of application:

This machine is suitable for the flat labeling requirements of boxes and films in the food, medicine, daily chemical and other light industries.

Program process:

The machine is connected to the production line, and the products that need to be labeled first enter the weighing machine, and the weighing machine automatically weighs. At the same time, the weighing machine sends the weight information to the industrial computer, which is processed by the industrial computer and then sent to the printing engine; the product continues to run to the labeling station. When the sensor detects the material, the printing engine automatically prints the label, and the label is attached at this time. The labeler sticks the label and then the cylinder extends for labeling, and the label is attached to the surface of the product.

Print engine:

Adopting the original Zebra print engine, the industrial-grade design body supports the production line to work 24 hours a day.

Operating system:

Humanized touch screen operation interface, simple and intuitive operation, flexible interface conversion between Chinese and English, system functions can be expanded, inserted, and more flexible.

Other functions:

1. Alarm function: When the label and ribbon are about to be used up, the machine will automatically alarm and stop.
2. Optional visual inspection, rejection and other systems;

Machine material:

The body and parts are made of S304 stainless steel and high-grade aluminum alloy with two surface treatments, which will never rust and have high corrosion resistance.

Machine composition:

Machine chassis, labeling hand, adjustment bracket, print engine, discharge tray, receiving tray, indicator light, operating system and PLC control system.

Technical parameters

Labeling speed: 60 pieces/minute (depending on the labeled object size and label size)

Labeling accuracy: $\pm 1-2\text{mm}$ (except material and label factors)

With no product no labeling function.

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

Printing method: thermal transfer, Zebra print engine;

Labeling method: cylinder push arm labeling hand;

Print head: 4 inches, 300dpi;

Suitable material size: see sample

Suitable for label size: see sample

Applicable labels: Machine roll labels with transparent or opaque glassine backing

Equipment power: 1KW

Power supply: AC220V 50/60HZ single phase

Ambient temperature: 0-50 $^{\circ}\text{C}$;

Ambient relative humidity: 15-95%

Machine Weight: about 200KG

Machine Dimensions: 3000mm*1000mm*1800mm

Electrical configuration

Item	QTY	Brand/Remark
PLC programmable controller	1	Siemens, Germany
Man-machine interface	1	Siemens, Germany
Print engine	1	Zebra, American
Labeling sensor	1	SICK, Germany
Proximity sensor	2	SICK, Germany
Rewinding motor	1	JSCC
Labeling Cylinder	1	AIRTAC, Taiwan
Solenoid valve	1	AIRTAC, Taiwan
Switching power	1	DELTA, Taiwan
Circuit breaker	2	Schneider, France
Cam switch	1	Schneider, France
Relay	4	Schneider, France

Automatic horizontal printing & labeling machine for Covid 19 test tubes video