



HengYuan Machinery Co., Ltd.

衡園機械設備有限公司

HYTB1-100TC Automatic Plane and Round Bottle Labeling Machine



Automatic round object top and side places sticker labeling machine can stick non-dry sticker label on the cylinder objects like bottle, jar, on body and cap top. With inspection of sensor, tracking label synchronously, ensure to labeling speed and smoothly. Most design labeling machines using imported and domestic advanced technology to improve and make a solution for instability of general domestic labeling. By optical fiber computer control, we can get the synchronization track. The output of labels is controlled by a stepper motor or servo motor. It can detect the objects and size of labels automatically. It is modern and advanced electronic mechanical integration equipment automatically controlled by microcomputer mode, with large LCD touch panel, display and memory devices containing dozens of memory devices. The operation is simple, the labeling is accurate, the performance is reliable, and there is low noise. Sticker labeling machine is easy to clean, not moldy, beautiful after labeling and of high production efficiency. It is strong and won't fall off on its own.

1. Basic use

It be matched to the workshop assembly line, flow through the product, on the plane, side labeling, online labeling, such as matching inkjet machine, flow through the object to achieve labeling, ink-jet one-step completion (ink-jet printer is not included in the labeling machine)

2. Scope of application

Applicable label: self adhesive label, self adhesive film, electronic supervision code, bar code, etc.
Applicable products: round jars. Application Industry: widely used in packaging, food, toys, daily chemical, electronics, medicine and other industries.

3. Working process Core working principle:

The sensor detects the product passing, sends back the signal to the labeling control system, at the appropriate position, the control system controls the motor to send out the label and attach it to the product to be labeled position, the product flows through the labeling roller, the label is rolled over, and the labeling action of a label is completed; Operation process: product delivery - > product detection (or receiving external signal) - > top side plane labeling) - > round bottle side labeling.

Main technical data

- Labeling capacity: 0-35pcs/min
- Labeling accuracy: $\pm 0.5\text{mm}$
- Label material: Adhesive sticker, opaque or transparent label
- The inner diameter of label roll: 76 mm
- The outer diameter of label roll: 300mm(max)
- The suitable size of label: length: 15mm ~ 300mm; width (base paper width): 15mm ~ 150mm;
- The suitable size of labeling objects: Can be customized
- Operating direction: Left or Right
- Total Power: 1.8kw
- Power supply: AC220V/110V, Single phase. Globally customized
- Net weight: About 300kg
- Machine size: 220(L) \times 90(W) \times 140(H)cm