Labelong

Automatic Vertical Round Bottle Labeling Machine

Basic Purpose

Applies to the circumferential surface of the object round bottle labeling, can be attached to a single standard and double standard, double standard spacing is back can be flexibly adjusted, widely used in cosmetics, food, medicine, disinfectant and other industries. Optional circumferential location detection device can be realized labeling specified position in the circumferential surface.

Optional ribbon typewriter and printer, enables the printing production date and lot number information on the label, implement labeling - Coding integration.

Scope

1) Shall apply tags: Label, sticker film, electronic monitoring code, bar code and so on.
2) Application: diameter 30mm ~ 90mm round bottle between.
3) By Industry: widely used in medicine, food, toys, cosmetics, and other industries.
4) Application: all kinds of round plastic bottles, sterilize bottles, food cans, vials, xylitol, shampoo bottles, red wine bottles Zhengbiao positioning such as labeling.

Working Process

Core works: put the product to the conveyor belt, after entering the sub-bottle agencies, sub-bottle agencies will separate product, the sensor detects the product passes back signals to the labeling control system, control system in place to control the corresponding motor fed labels and stickers Labeling position to be attached to the product, while the overlying label, a label attached to the action is completed.

Procedure: put the product conveyor (which can be accessed pipeline) -> product delivery -> products at distance -> Product Inspection -> product positioning -> Labeling and covered superscript -> collecting the product labeling.

Features

1) Powerful, the same device can achieve single standard labeling and double standard labeling round bottle of objects, double standard pitch can be flexibly adjusted. Optional circumferential location detection means may be implemented in the circumferential surface of the positioning labeling function;

2) Powerful 3-axis tractor mechanism.

3) Label coincides high, the pressure on the top configuration mechanism, combined with 3-axis positioning mechanism, to prevent fluctuations up and down the bottle and improve labeling accuracy;

4) Automatic bottle, bottle using Spring-minute mechanism, effectively eliminating error caused by sub-bottle bottle itself is not smooth, improve stability;

5) Touch screen control, man-machine interface with the operating teach function, parameter modification intuitive, simple switching of various functions;

6) Intelligent control, automatic photoelectric tracking, have no object no labeling, no standard automatic calibration and automatic detection tags, labels and drain to avoid wasting labels;

7) Strong health, mainly made of stainless steel and advanced aluminum production, solid quality, in line with the GMP requirements;

8) with automatic stop function, production counting function, power-saving features (no production within a set time, the device automatically go to power-saving standby mode), the production of digital set a reminder function, parameter setting protection function (parameter setting sub-rights management) to facilitate the production and management;

9) Optional features:

① hot coding / marking function;

② automatic feeding function (vertical feed bottle machine);

③ automatic rewinding function (in combination with products considered);

④ increase labeling devices;

Technical parameters:

The following technical parameters for the standard model, other special requirements and capabilities, can be tailored:

Technical Parameters	Use Range
Labeling accuracy	±1mm
Labeling speed	30～60Pcs / min
Applicable products diameter (for round bottle)	φ25mm～φ90mm
Applicable products and height	25mm～300mm
Applicable Label Size	length: 20mm～290mm
	Width (backing paper width): 20mm～160mm
The inner diameter of the label roll	Φ76 mm
The maximum outer diameter of the label	Φ280 mm
Machine size (L × W × H)	about 1950mm×1200mm×1530mm
Power supply	220V/50HZ
Total power	Traction stepper motor: 570W
	Traction servo motor: 980W
Pressure (Mpa)	0.4～0.6Mpa
Total Weight	about 185Kg