

Automatic Square Bottle / Flat Bottle Labeling Machine



Suitable for mineral water, oil, glass of water, Japan, plum, biscuits, jams, pickles, medicines disinfectant, bean curd incubator, laundry detergent, olive oil, linseed oil, fruit drinks, coffee drinks, chili oil, fresh wine, honey, double side labeling, round bottles sentinel labeling, widely used in daily chemicals, cosmetics, petrochemical, pharmaceutical and other industries.

Working principle

◆ Core principle: the sensor detects the product passes back signals to the labeling control system, control system in place and send the label to be affixed to the product labeling position, the product flows through the cover label, labels affixed covered on the product, a label attached to the action is completed.

◆ Procedure: put the product (which can be connected to the pipeline) -> product delivery -> products at distance -> Labeling (device automatically) -> collects the labeling of products.

Scope of application

◆ Applicable Label: Label, sticker film, electronic monitoring code, bar code and so on.

◆ Applicable products: Requires side flat side sweeping surface, the circumferential surface of the label attached to the product.

◆ Industry: widely used in cosmetics, daily chemical, electronics, pharmaceutical, metal, plastics and other industries.

◆ Application: shampoo flat bottle labeling, lubricants flat bottle labeling, labeling round bottles of shampoo and the like.

Features

◆ Powerful features, a machine can achieve four kinds of products, single and double sided labeling (round bottle, flat bottle, square bottle, shaped bottles);

◆ Uses a synchronous bilateral rigid plastic chain guide, automatically guarantee neutral bottle, bottle and assembly line workers put into the bottle docking requirements low, greatly reducing

the difficulty docking assembly line workers to the job or be a stand-alone production, can also be connected to the production line;

- ◆ Configuring Spring-capping mechanism, to ensure smooth delivery of products, and the effective elimination of bottle height error itself;
- ◆ Configuring automatic bottle agency, former pilot bottle automatic spacing apart to ensure follow-up guide bottles, transport and labeling of stability;
- ◆ Standard configuration of the two bodies repeat, for the first time to ensure labeling accuracy, secondary extrusion coating standard, effectively eliminating air bubbles and guarantee label at the head and tail snapping;
- ◆ 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;
- ◆ Device main material made of stainless steel and high-alloy, in line with GMP production norms, the overall structure of a solid, nice.

Technical Parameters

Labeling accuracy	±1mm
Labeling speed	30~150Pcs / min
Applicable Dimensions (Length)	(Conveying direction): 20mm~250mm
Applicable Product Size (width)	(Conveying width direction): 30mm~90mm
Applicable Product Size (height)	60mm~290mm
Applicable Label Size	length: 20mm~200mm
	Width (backing paper width): 20mm~160mm
The inner diameter of the label roll	Φ76 mm
Maximum outer diameter	Φ280 mm
Machine size (L × W × H)	3000mm×1450mm×1600mm
Power supply	220V 50HZ
Total power	1100W (Traction step)