

JTL-620 Double Side Stick Labeling Machine



SK-620 double-sided self-adhesive labeling machine suitable for flat bottle, irregular-shape bottles, round bottle, square bottle products in daily chemical, household chemical, pharmaceutical, food and other light industry. It can do single or double sided stickers standard labeling, with optional ribbon printer and inkjet printer. It can print production lot number, production date and other information at the same time when labeling to achieve the integration of labeling and ink-jet printing, reduce packaging processes, improve production efficiency. This adapts to adhesive labeling machine, self-adhesive film, electronic regulatory code, bar code, two-dimensional code labels, transparent labels. The equipment is high stability, good labeling effect, no bubbles, no wrinkles, high labeling accuracy.

Workflow:

labor put products (inline with unscrambling turntable ->Products are automatically corrected and delivered separately->Product testing->Product labeling->Collect the labeled products (go to the next step)->Take away the product

Working principle:

Put different packaging objects into the labeler conveyor belt then driven into the bottle sub-area, after the correct machinery, pass into labeling area by holding mechanism. After entering the labeling area, the optical fiber detect the bottle, the photoelectric signal is transmitted to PLC, processed by the PLC after the output signal is transmitted to the stepper motor. The stepper motor will output label, through the rolling mechanism will be affixed to the label objects. The labeled object will into the next process or container by the labeling machine conveyor belt.

Equipment advantages:

High compatibility, the same device can achieve a variety of products: single and double side and adjacent rectangular surface labeling (such as: flat bottle, round bottle, square bottle, special-shaped bottle, etc.), optional round bottle positioning mechanism, round bottle roll rolling institutions, three sides of covering label mechanism.

Flexible application, simple operation, can stand-alone production and production in the assembly line, use double-sided rigid plastic synchronous guide chain automatically guarantees the bottle to the center, which greatly reduces the worker's work or assembly line difficulty in docking. Equipped with automatic bottle-dispensing mechanism is arranged to automatically separate the distance before the product enters the guide mechanism to ensure the subsequent guide bottle, delivery and labeling stability.

Configure double covering-label mechanism, first time covering-label to ensure labeling accuracy, secondary extrusion covering-label effectively eliminate bubbles and ensure the tag close tightly at the head and tail;

The use of a new type of spring-top pressure mechanism to ensure smooth product delivery, and effectively eliminate the bottle height itself error;

Accurate labeling high stability, use of PLC+subdivision stepper motor driven to output label, accurate delivery label; adopt cam-type brake mechanism, uniform tension to ensure tape taut and reduce the label pull off also ensure label detection accuracy; Band bypass correction device to prevent the label around the offset to ensure the accuracy of label output;

Powerful function and colorful touch screen control, Chinese and English optional interface, convenient and intuitive, powerful data memory function, can store 50 sets of labeling parameters, with production counting function, power saving function; production number setting prompt function, parameter setting protection function, convenient production management, different products labeling switching a key to achieve, without repeated testing, simple and quick; has a complete fault tips and help functions; the number of production settings prompt function, parameter setting protection , Convenient production management, different products labeled switch to achieve a key, without repeated testing, simple and quick; and has a complete fault tips and help functions;

High stability, testing label and object sensors are imported brands, high detection sensitivity, stable performance, durability; solid and durable machine stand and the various parts are adopted standard modular design with complete interchangeability, 24 Hours running to ensure safety and stability.

Safety and health, chassis use stainless steel SUS304 material and T6 aluminum alloy, never rust, in line with the GMP fine manufacturing standards;

Related technical parameters:

Voltage specifications	AC220V 50/60HZ
Power consumption	2500W
Labeling speed	120-250 bottles/min (adjustable speed, depending on the size of the object and label length)
Labeling accuracy	+1mm (depending on product characteristics, like hardness)
Bottle diameter	25-120mm
Object range	Height 40-400mm (can be customized)
Label specifications	height 10-150mm length 10-300mm(special specifications can be customized)
Paper roll diameter	inner diameter:Φ76mm outer diameter:Φ350 (max)
Weight	280KGS
Packing size	2800X1400X1400mm
Conveyor width	can be customized according to customers' sample bottle