

## *LA1100 Top Label Applicator*



Top label applicator is a labeling device that using stepper motor to achieve high-precision positioning through signal control. It accurately affixes labels to products or packaging, making it suitable for industries that require precise label application, such as the food, beverage, pharmaceutical, cosmetic, and other packaging industries. The key point of accurate label positioning is the label applicator with stepper motor.

### **Features**

1. Driven by stepper motor; ensures stable and accurate labeling.
2. The structure of label applicator is simple, which is suitable for setting up on various production lines; space-saving.
3. Intelligent sensor detection system, accurate labeling without missing.
4. The label applicator is equipped with a back paper spool disk, which is convenient to remove the used back paper, saving time and manpower.
5. Translucent spool disc design for quick checking residual stickers.
6. Intelligent Microcomputer Control, easy to learn the operation, one-button setup.
7. Multiple memory modules: available to switch between different production lines and improve efficiency.
8. Stepper motor drives the device, providing high labeling accuracy.
9. The label applicator makes it easier to adjust the height, angle and position of the conveyor and bracket according to production needs.
10. Provide a flexible label applicator design to meet different labeling needs.
11. It can be integrated with the PLC control system to connect production lines, improving the automation level, and reduce labor costs.
12. Setting the parameters through precision label sensor, accurately detecting labels and back paper to avoid errors.
13. Automatic amplifier detection: Accurately control the label length to reduce waste.

14. Adjustable labeling speed: Labeling speed can match the production line speed to avoid delays.
15. The conveyor speed is synchronized with the labeling speed to make sure the smoothness and consistency of the labeling.
16. Intelligent Sensor Detection System: Automatically detects the product position. If there is no product, the machine won't dispense labels.
17. Precise stepper motor driving LA1100; to smoothly and quickly complete labeling tasks and increase productivity.
18. Industrial grade standard switch is durable with long service life.
19. Automatic counting function, clearly display the labeling output, easy to take control of the production line status.
20. Advanced Test Mode actively detects the status of electronic components and take control of the operation.
21. Versatility: You can choose various packaging equipment as an option, such as verification system and top pressing unit.
22. Customized production: Install a printer bracket according to requirements, effectively utilizing production space.
23. Round bottle wrapping unit or spindle wrapping unit can be chosen to meet different labeling requirements.

## Specification

Labeling Motor	Stepper Motor
Labeling Speed	12 m/min (depending on product and label size)
Labeling Accuracy	$\pm 1\text{mm}$
Label Size	Width: 10-150mm, Length: 10-250mm
Label Roll	Inner Diameter 75mm, Outer Diameter 300mm
Power Supply	110 or 220VAC, 50/60Hz, single phase
Machine size	(L) 529mm (W) 570 mm (H)805mm