

LR4350 Spindle Wraparound Round Bottle Labeler



The spindle wraparound bottle labeling machine LR4350 is suitable for all industries that need to label round bottle containers. The spindle wraparound labeling machine uses the method of rolling and rotating the container to stick the label tightly on the container when the bottle is moving forward.

Features

1. Spindle wraparound module design, high labeling precision
2. Configure the width of different labels
3. The human-machine interface can save 20 sets of production parameters, which can be read with one key, without the need to recalibrate the same label, which speeds up the production conversion time.
4. Actively detect label breaks, or run out of labels, and will stop production on its own to maintain the quality of complete products.
5. Equipped with colored HMI display touch screen, it is easy to input production parameters when operating the machine, which is simple and easy to operate.
6. Unique digital labeling parameter design, which can be fine adjusted to meet the needs of different labeling positions.
7. Intelligent troubleshooting system to guide the operator to solve the difficulties of the labeling process step by step
8. Automatic labeling counter, real-time monitoring of production capacity status through the touch panel.
9. Smart memory function, the last parameter is automatically provided when the machine is turned on, and the production can be launched immediately without setting it again after the machine is turned on.
10. The labeling speed and product conveying speed can be adjusted to improve labeling efficiency.
11. The labeling position and angle of the product can be fine adjusted directly on the labeling applicator

12. Automatic bottle spacer module to keep the distance fixed between bottles to make labeling smoother
13. PLC is equipped with touch human-machine interface, any malfunction information will be provide in real-time.
14. It can be produced as a single machine, or collocate with other machines into automatic production line.
15. The encoder tracks the production speed synchronously, maintains a constant production rate and monitor the production capacity in real time.
16. Photoelectric sensor, automatically detects and locates the product to adjust labeling position easier
17. Accurate positioning and speed control of the stepping motor to achieve high precision and high stability labeling.
18. Automatic guidance mechanism, which automatically channel the product to prevent the production line from being blocked, and the label can accurately labeled to the preset position
19. The low-friction conveyor belt transports products stably and does not damage the products.
20. Optional high-grade conveyor belt, in line with MCC food hygiene standards.
21. The machine is made of SUS#304 stainless steel and high-level aluminum alloy, which conforms to GMP standards and is easy to maintain
22. A wide range of applicable products, convenient for customer that have multiple products for simple operation for product replacement.
23. The labeling machine is manufactured in Taiwan from design to manufacturing. The quality and service are perfect.
24. Japanese-made sensor synchronously and automatically detect positioning to achieve high-precision labeling.
25. The label length is simple to set, directly input the required length, no need to use tools to adjust.
26. Optional from step motor or servo motor to meet the production requirement to increase production efficiency.

Specification

- Automation level: fully automated
- Machine motor: stepper motor or servo motor
- Labeling speed: 15~30 pieces/minute (according to label size)
- Labeling accuracy: +/-0.5~1mm (according to the product)
- Bottle size: (D) 16-90mm (H) 30-160mm
- Label size: (W) 10-100mm (L) 20-250mm
- Label roll size: (ID) 75mm (OD) 280mm
- Product size: (W) 10-100mm (L) 20-250mm
- Power supply requirements: 110 or 220VAC, 50/60Hz, single phase
- Machine specifications: (L) 2090mm (W) 1230mm (H) 1350mm

**Specification may vary depending on configuration, detailed specifications are subject to actual shipment.*