LD3053 Automatic Three-sided Labeling Machine

3-sided labeling is a common type of packaging for square bottles, which is widely used in food, beverages, cosmetics, medicine, and other industries. However, it is not an easy thing to attach exquisitely the three-sided sticker of the product. Generally speaking, the traditional labeling method is not only inefficient, but also easily lead to disposition, bubbles, wrinkles and other problems, and affecting the appearance and quality of the product.

Features

1. Optional Folding Mechanism smoothing labels automatically presents high labeling quality.
2. The accuracy & consistency
Automatic Three-sided Labeling Machine LD3053 manages excellent labeling accuracy and consistency by state-of-the-art sensor.
3. Leading Position System
The labeling position of each bottle is precisely attached by the signal of the sensor and the preset parameters.
4. Motion Control System
LD3053 equips with efficient control system that allow to control the speed and position of labeling; guaranteeing the accuracy.
5. Synchronization design
It makes the top pressing belt cooperate with conveyors to ensure the label is feed and paste right on spot; high steadily.
6. Driven by advanced stepper motor, dispending labels gradually and precisely with long service life.
7. Automatic detection system
When there is no label, the machine will stop automatically to maintain the product quality.
8. Automatic missing label detection develops the quality control efficiency.
9. Intelligent counting function

The quantity of output is automatically displayed on the screen. Taking control of production status, which can improve production efficiency.

10. Automatic memory function

You can start to produce immediately without resetting the parameter after turning on the power.

11. User-friendly touchscreen interface

The colored touchscreen makes setting process easier and intuitively, reducing the cost of training employee.

12. Humanization Safety Design

The E.M. Stop button makes the operation safer.

13. It's shipped with imported sensor which provides fast, accurate, and high-quality labeling.

14. Wear-resistant conveyor belt, which can be customized according to the product size (such as wide conveyor belt)

15. Precise VFD (Variable-frequency Drive); provide stable labeling speed.

16. Optional bottle spacer module & calibration unit to adjust the gap and position of container, upgrading the appearance of finished product.

17. Optional Japanese servo motor; provides higher labeling speed, 40 meters/min.

18. The labeler can integrate with other packing machine, like capsule counter, filler and sealer to meet various product needs.

19. It's made of SUS# 304 stainless steel and aluminum alloy, which is strong and durable and easy to maintain.

20. Optional Smoothing Units

Make labels fit onto the container without bubbles, and improve the quality of products. (Such as sponge rollers, brushes)

Specification

Accuracy	± 1 mm
Labeling Motor	Stepper Motor
Product Size	Diameter 20mm-125mm, Height 30-160 mm
Labeling Speed	25~50 pcs/min (according to product and label size)
Label Size	(Width) 10-100mm, (Length) 20-300mm
Label Roll	Inner Diameter 75mm; Outer Diameter 280mm
Power Supply	110 or 220VAC, 50/60Hz Single Phase
Machine Size	(L)2400mm x (W)1200mm x (H)1500mm