

Semi-automatic Multifunctional Twin-side & Round Bottle Labeling Machine LA-305



This multifunctional labeling machine is applicable for various shapes of bottle: Round / Oval / Square / Polygon bottles. 1-label with full or partial warp-around and continuous 2-labels at one time to be front label + back label are all applicable. User-friendly design and color LCD touch screen (HMI) provide simple operation interface. This labeler has been taken out a patent on innovation labeling design for applying more types of bottle and higher labeling accuracy.

Field of Application

- Many kinds of bottle shape: Round / Oval / Square / Polygon bottles.
- Wide range of label height: 10 mm ~ 250 mm
- All kinds of bottle material: Plastic (PE, PVC, PET...) / Glass / Metal bottles.
- Normal paper or transparent label are both applicable. (only compatible with adhesive label in a roll.)
- Most suitable for small production volume but often producing many different products.

Features

- Control system: MITSUBISHI (Japanese brand) PLC and 7" color touch screen (HMI) for convenient operation.
- Labeling system: "Stepper motor" combined with patented bottle feeding device of "X-Y axis positioning" can provide extremely accurate labeling quality ($\pm 0.5\text{mm}$) and easier adjustments for labeling position.
- Object and label sensor: SICK (German brand) sensors provide high sensitivity without wasting many labels due to detecting failure.
- Adjusting system: SIKO (German brand) position indicator with hand-wheel makes adjusting or recording position conveniently.
- Memory system: 50 sets of memory storage are perfect for various products without entering settings repeatedly.

- Quick changeover for different products: Simply replace bottle mould by disassembling 4 pcs of screw on the mould.
- Most changeover or adjustments can be done instantly without using tools.
- 2 start-up modes: by “Foot Switch” manually or “Object Sensor” automatically.
- Compatible with various printing equipment: Hot stamping printer / Inkjet printer / Thermal (Heat) transfer printer / Color label printer. Labeling and printing dates and batch no. are completed at the same time.
- Main construction is made of SUS#304 stainless steel and aluminum alloy which meet production regulations of food, cosmetics, biotech and pharmaceutical industries.
- 4 castors on machine cabinet: Easy to move labeling machine anywhere for more flexible space application.
- Less maintenance with long durable life. The best choice of labeling machine.

Specification:

LA-305 【Patented】 Semi-automatic Multifunctional Twin-side & Round Bottle Labeling Machine	
Machine Dimension	1220(L) x 1100(W) x 1300(H) mm
Main Construction	SUS304 Stainless Steel / Aluminum Alloy / Carbon Steel / Engineering Plastic
Applicable Label Height	(A) 10 ~ 100 mm (B) 10 ~ 150 mm
Applicable Label Length	15 ~ 260 mm
Production Capacity	About 6 ~ 10 pcs/min (vary on different label sizes and products)
Labeling Precision	± 0.5 mm (excellent accuracy)
Power Requirement	220V, 50/60Hz, Single Phase
Optional Items	(1) Hot Stamping Printer (for date and batch no.) (2) Inkjet Printer (for date and batch no.) (3) Thermal Transfer Printer (for patterns, logo, barcode, QR code, date and batch no.) (4) Color Label Printer (Up to 1200 dpi / Print & Apply 21 cm / Waterproof ink)