



Horizontal Automatic Bottle Labeling Machine For Small Size Bottles / Tubes OL-807



OL-807 is a fully automatic horizontal round bottle labeling machine well designed for small size round containers full circle labeling or half circle labeling. The small size round containers which cannot stand stable when transport to labeling, so horizontal transport and labeling is the best way to this kinds of products, improve stability and efficiency.

One stop for labeling and coding when equip with ribbon coding printer or inkjet printer, the coding printer can print production lot number, manufacture date and period of validity when labeling.

Application

Label type: Self-adhesive label, adhesive film, supervision code label, and bar code label, etc.

Products: Round or conical shape small size bottles and tubes.

Industries: Widely applied to the industries of cosmetics, daily chemical, food, beverage, pharmaceutical, etc.

Example: Cosmetic pen labeling, lipstick labeling, crystal adhesive labeling, nail adhesive aluminum tube labeling, etc.

Operation Process

Principle of Operation: Put the round objects to the auto-feeder, then goes to roller bearing conveyor, when sensor detect objects passing by, the signal return back to labeling control

system, meanwhile the label come out and labeling onto bottle, then product go through overlying roller to press the label, after that the labeling process is finished.

Operation Process:

- 1) put the round objects onto auto-feeder,
- 2) Objects transported by roller bearing conveyor,
- 3) Sensor detection,
- 4) labeling and press by overlying roller,
- 5) labeled objects goes out.

Main Features

Fully automatic horizontal round bottle labeling equipment
 High speed labeling, reach to 18,000 bottles per hour
 Auto-feeder with roller bearing conveyor for small size bottles and tubes
 Labeling speed synchronized with conveyor speed to ensure precisely labeling
 With “no part no labeling” sensor and auto detect label function to prevent missing labeling and waste labels
 Equipped with Panasonic PLC and touch screen and Italy Datasenso fiber optic sensor combine the control system, support machine 7x24 hours running
 Label feeding station is adjustable, specially fit for conical bottles, and fast set up for different sizes containers
 Labeling system with fault alarm, output counting and parameters saving for friendly operation

More options of the round bottle labeling machine:

- 1) Positioning detection device for bottle designated position labeling
- 2) Equip with ribbon coding printer and inkjet printer, the labeler can print production lot number, manufacture date and period of validity when labeling, one stop for labeling and coding, highly improve production efficiency
- 3) Label positioning detection device for labeling another label when the bottle labeled

Technical Parameters:

| Model No. | OL-807 |
|----------------------------|---|
| Label type | Self-adhesive label, supervision code label, and bar code label |
| Label size | Length 20mm - 100mm Width 20mm - 130mm |
| Product size | Diameter Ø 10mm - Ø30mm Height 25mm - 300mm |
| Labeling speed | 100 – 300 bottle per minute |
| Labeling tolerance | ±1.0mm (except product and label tolerance) |
| Max lable roll diameter | 240 mm |
| Core diameter | 76 mm |
| Electrical source | 110V - 220V 50Hz - 60Hz |
| Air requirement | 4bar - 6bar |
| Machine dimensions (LxWxH) | 2050x650x1450 mm |
| Machine weight | 200 kg |