

Benefits for you

Great accuracy and stability

The containers are precisely positioned between the centring bell and centring plate in Rotary Turret. The inverted-bottle detector helps making no missing labeling. The reel roller, cutting unit, vacuum-grip cylinder, glue unit and rotary turret driven by computer-controlled servo motors to work synchronously ensuring high performance in extreme speed.

Less glue consumption

For labelling, only two narrow strips of hotmelt are required at the both ends of a label sheet.

Time and cost saving

Container or label changeovers only require the briefest of conversion times since the settings may be stored and easily recalled on HMI. Centralized lubrication system and Simplified transmission mechanism design lead to low maintenance.

Less work for the operators

Automatic Reel Storage Magazine (Optional) contributes to continuous 4 ~6 hours non-stop labelling operating.

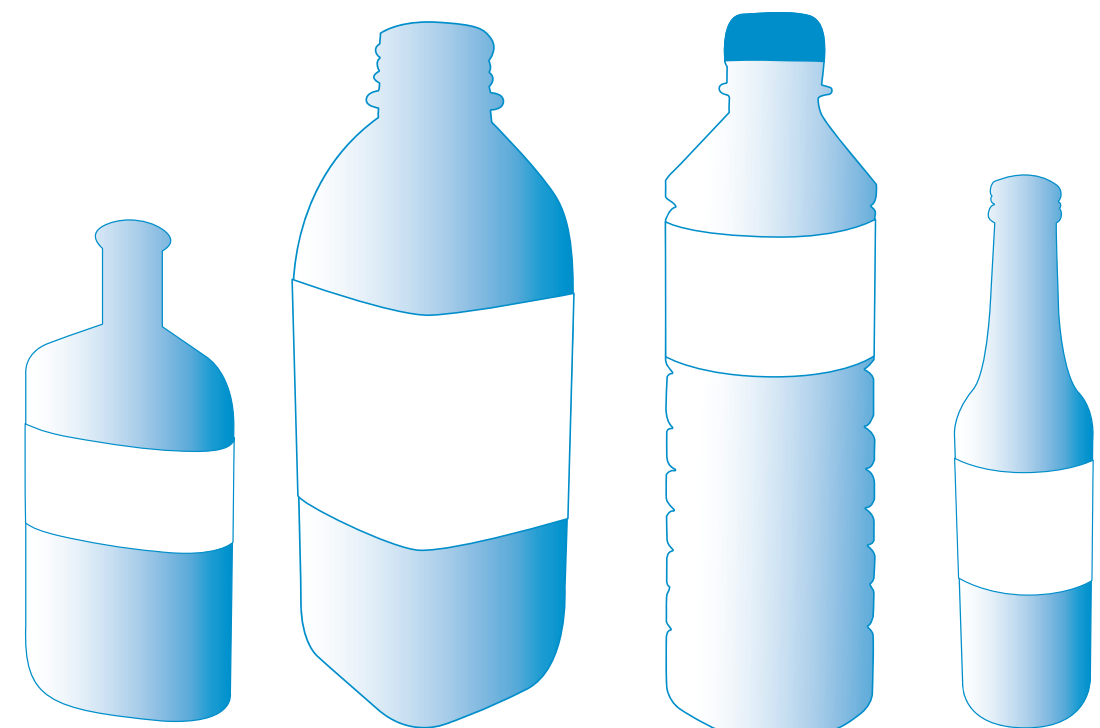
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轉塔式
熱熔膠
貼標機
Roll-fed
hotmelt labeler

for containers
with **wrap-around labels**



LEBAL Automation Intelligence CO., LTD.

轉塔式 熱熔膠 貼標機

Roll-fed
hotmelt labeler

LEBAL® Roll-fed Labeler, equipped with Rotary Container-delivering Turret, Hot Melt Glue unit and Auto Cutting Unit, can glue the leading and trailing edges of precisely-cut label onto containers. As far as efficiency, accuracy and speed are concerned, LEBAL with its developed technology leads the field.

LEBAL® Roll-fed Labeler is for cylindrical or shaped containers made of plastic, glass or metal with wrap-around labels. LEBAL® technology offers the possibility to guarantee a product speed up to 36,000 bph (600 bpm).



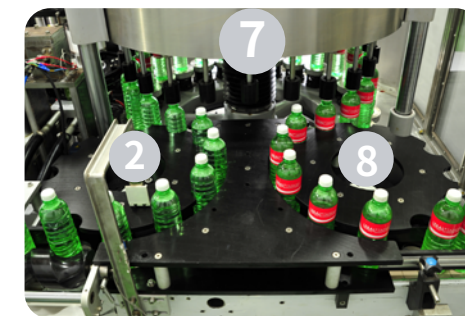
HMI(Human Machine Interface)

Colour touch-screen is designed with User-friendly menu set-up in the control program and Clear display of the current production data. If new containers or labels were processed for the first time, parameters can be programmed and stored as recipes.



Label Supply

The reel roller, cutting unit, vacuum-grip cylinder and Glue unit are driven by computer-controlled servomotors. Automatic Reel Storage Magazine (Optional) provides continuous 4~6 hours non-stop labelling supply.



Modular Design

Change-over times are swiftly reduced. Productivity is highly improved.



Rotary Container-delivering Turret

Driven by computer-controlled servomotors. Easy to adjust for various heights of containers or labels.



Labeling Station

The labeling station, which may be adjusted either vertically or horizontally, handles containers in different diameters and labels in different heights.

Glue Unit

Only two narrow strips of hotmelt glue are applied by a heated glue roller to the leading and trailing label edges. The thickness and position of glue is adjustable for customized.

Optional Devices

1. Automatic Reel Storage Magazine
2. Spliced-Label Rejecter
3. Labeling Station for Empty Bottles
4. Web Tracker
5. Labeling Station for Promotion Labels
6. Labeling Station for Tamper-evident Seals
7. Versatile Inspection Unit

Principle of Operation

Containers are conveyed into Rotary Turret through Infeed Screw and Starwheel.

Label Films are supplied into Cutting Unit to be accurately cut into label sheets through Reel Holder/ Roller or Automatic Reel Storage Magazine.

The transfer of the label sheets from the cutting drum to the container is carried out by means of a Vacuum-grip Cylinder.

Two narrow strips of hotmelt glue, which are applied by a heated glue roller to the leading and trailing label edges, glue the labels together and ensure a precise and positive transfer onto the rotating container. As the container is rotating within Rotary Turret while the label is being applied, the label is stretched to fit smoothly and quickly. When the trailing edge overlaps, the secure bond is complete.

