

# LABELING MACHINE



The BOPP Labeler machine separate one label from the roll, puts glue to the label, and applies it accurately to your product.

The BOPP Labeler is the perfect machine for any high volume Hot Melt Glue labeling projects that requires the application of plastic label to a cylindrical container. With labeling speeds up to 100-120cpm the BOPP Labeler delivers high speed, cost effective labeling solution for any high volume line. Another great feature of this machine is the fast and easy changeover. Its quick change capability allows for 30 - 60 minute changeovers requiring only a single tool. Less downtime means more production.

This BOPP Labeler requires negligible cleaning time as the hot wax is only collected in the Glue melt unit and the wax is sprinkled in dot form on the labels which is sucked by vacuum on the drum. No cleaning of nozzles as the wax automatically heats up when the unit is started for application, so No blockage of wax in the nozzles.

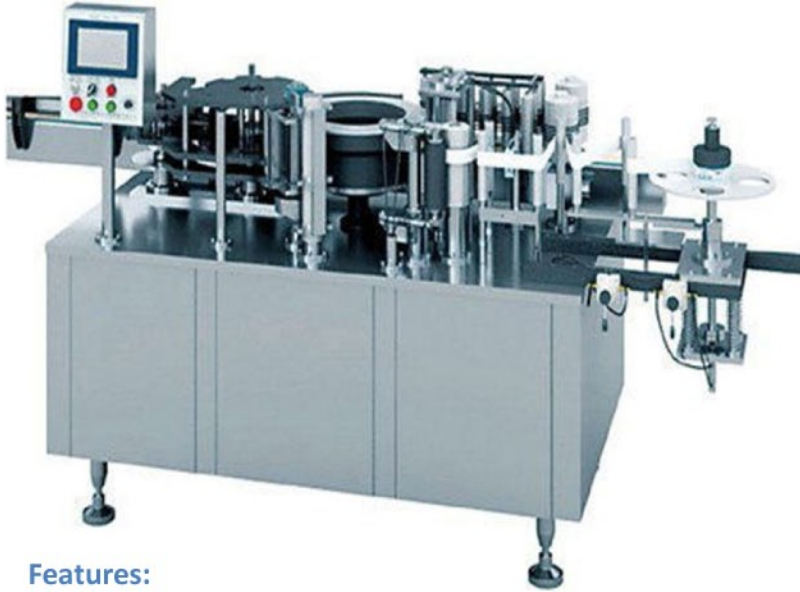


### Technical data :

Model : ULTRA -120  
Capacity : 100-120 bottles per min.  
(Base on 1000ML)  
Label Cut length : 50mm – 320mm

### Power:

Main power : 4.5kw, 415V  
+/-10%, 50Hz +/- 3%,3 phases  
Glue Heating : 9kw



### Working Specifications:

- Vacuum drum: strong label absorption and adhering to make tight fitting of label and bottle.
- Different size of star wheel: to separate the transport bottle steadily.
- Cutter wheel: cut the whole volume of label cut into leaflets in a specific location.
- Coating wheel: coat the hot melt adhesive on the head and end of one piece of label.
- Belt label pressing wheel: fit the labels and bottles by pressure.
- Melt glue machine: melt the block hot melt adhesive.
- Conveyor belt: length of 2 m, with power and chain plate.

### Features:

- Adopt the overall vertical labeling mode, automatically label cutting, automatic labeling.
- Microcomputer continuously variable control system, automatic detection in accordance with the feed, automatic adjustment of the production rate to maintain the labeling machine always in the best production rate.
- Applying the star-wheel feeding, to ensure not pour the bottle under high speed.
- Host Controller working with the frequency three-phase motor to control transmission.
- Label supply applying the servo motor synchronous tracking cutting, specially designed vacuum drum high-speed absorption, accurate and stable labeling.
- Transmission mode applying the linked design, stability and precision under high-speed labeling.
- Linked design encountering abnormal or unusual torque, the safety devices can automatically and immediately shut down the machine.
- Labeling position can be adjusted up and down.
- Hot melt machine below the set temperature, the labeling action can not be started.
- Without label, the machine automatically stops, and the alarm function starts.
- Label is not affixed, the machine automatically stops, and the alarm function starts.
- Alarm function for label missing or not leaving gap.
- Alarm function for running out of labels.
- Indicator lamp and alarm function for abnormal status.
- The centralized lubrication system is easy to clean, lubricate and maintain.
- Conveyor line production, easy and quick installation.

 **SS Engineers  
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