

RO

Nozzle Application System Wrap-Around Labeling



Wrap-Around Labeling

Robatech offers a comprehensive hotmelt nozzle application system to label bottles and other containers wrap around. The system consists of a melting unit, a spiral head to fix the label and a labeling head to glue the end of the label.

Function

The application system consists of a melting unit, a spiral head for the start glueing and a labeling head for the end glueing. It sticks cut wrap-around labels provided in a magazine reliably onto glass, sheet metal and plastic containers. The start glueing is sprayed on the container in form of several small spots of glue arranged in a spiral. The applied spiral/swirl of adhesive ensures that the rotating container picks up a label from the magazine. At the same time the slot-type nozzle applies a thin strip of glue to the end of the label. The label is now wrapped around the bottle and precisely glued where the ends overlap.

High Flexibility

The hotmelt applicator system allows for easy change over to other container formats and labels. The sturdy and easily adjustable brackets guarantee precise position of the applicator heads. The spiral head offers up to six individually operated nozzles subject to the size of label to be used. The height of the slot nozzle at the

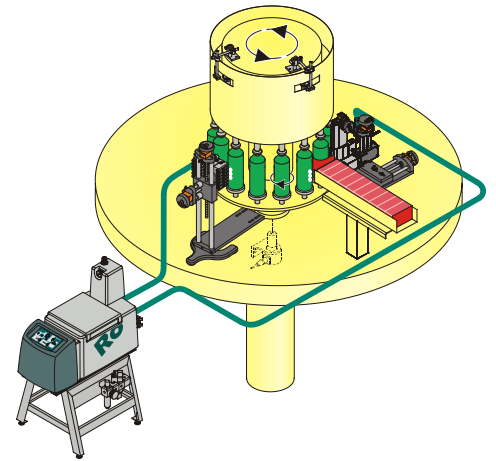
labeling head can be adjusted without tools by means of the hand wheel at 2 mm increments.

Glue Consumption Savings

The precise, controlled glue application through nozzles minimizes adhesive waste and reduces the consumption. The closed systems protects from contaminations when comparing with the method of relying on roller wheels. Less maintenance and more safety are positive benefits.

Features and advantages

- Precisely controlled glue application for superior productivity
- Easy and rapid change-over to other container formats and label without tools
- Considerable adhesive savings compared with roller application
- Adhesive is protected from ambient air and contaminations
- Less cleaning and higher safety due to closed system
- Trouble-free processing of plastic labels
- Both heads with integrated glue filter
- Pattern control integrated in the control of the melting unit
- Advanced software adaption for labeling (no proportional valve required)



Headquarters
 Robatech AG
 Pilatusring 10
 CH-5630 Muri
 Switzerland
 Tel. +41 56 675 77 00
 Fax +41 56 675 77 01
 info@robatech.ch
 www.robatech.com

Robatech USA Inc.
 11660 Alpharetta Hwy, Suite 360
 USA-Roswell, GA 30076
 Tel. +1 770 663 8380
 Fax +1 770 663 8381
 info@robatechusa.com
 www.robatechusa.com

