



**hotLAN®**  
hotmelt labellers

## LANGGUTH – imaginative and clever ideas for labelling

Customised solutions are our strength



**wetLAN®**  
wet glue labellers

LANGGUTH **wetLAN®** wet glue labellers provide ease of operation and precision: the well-conceived machine design of the wetLAN® series guarantees remarkably simple operation and rapid changeover to various sizes of labels and containers. Each label is placed exactly where it is needed, no matter what size or shape of container.



**hotLAN®**  
hotmelt labellers

LANGGUTH **hotLAN®** hotmelt labellers feature two main factors: minimum glue consumption and maximum flexibility to save costs all along the line, because only one machine is needed to label a variety of containers with a minimum of glue.



**selfLAN®**  
self-adhesive labellers

LANGGUTH **selfLAN®** self-adhesive labellers give any container that very special look using a wide range of label shapes processed by the selfLAN® machine series.



**sysLAN®**  
pail handling systems

LANGGUTH **sysLAN®** pail handling systems provide a wide range of customised solutions: destacking, pail closing plus control function, and labelling with different capacities. From individual components through to complete lines, including fillers and palletising – sysLAN® opens up unlimited possibilities!



**hotLAN®**  
hotmelt labellers



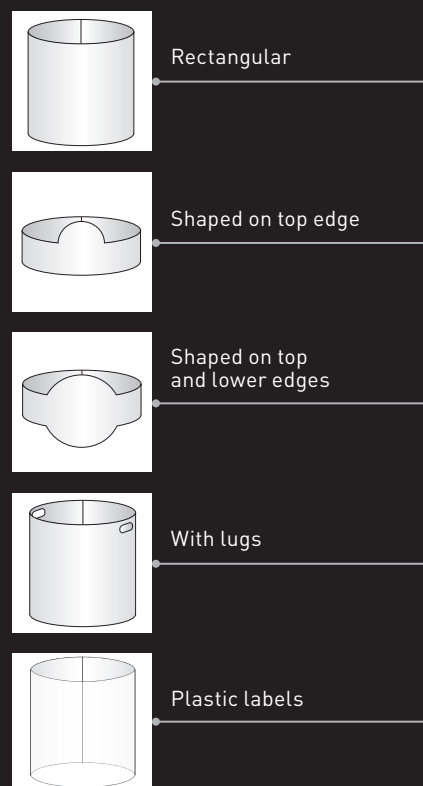
# hotLAN®

## Hotmelt Labellers

Products begin to take shape

### Everything about label types

A wraparound label applied using the hotmelt process is the most cost-favourable labelling solution for practically any type of container. The variety of labels and materials that can be used allows ample opportunities for creative and attractive designs.

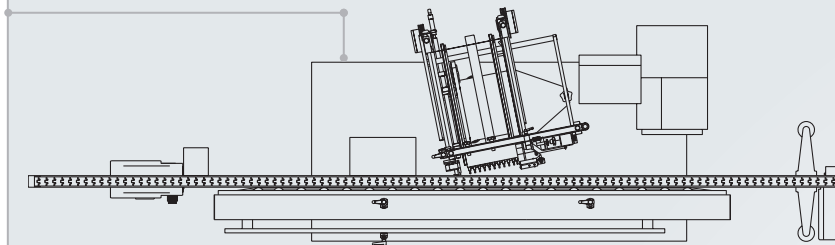


### Everything about the process

A sensor identifies each individual container and activates the initial application of glue. Nozzles arranged one above the other use a blast of compressed air to apply ultra-thin spiral spots of glue to the container. The front end of the label is applied to the glued areas. The container is rotated and the label wraps itself around the container whereby it is firmly held by brushes or pads to ensure it is stuck tightly and is free of wrinkles. A small glue stripe is applied to the other end of the label and the two ends then overlap to form a complete wraparound label.

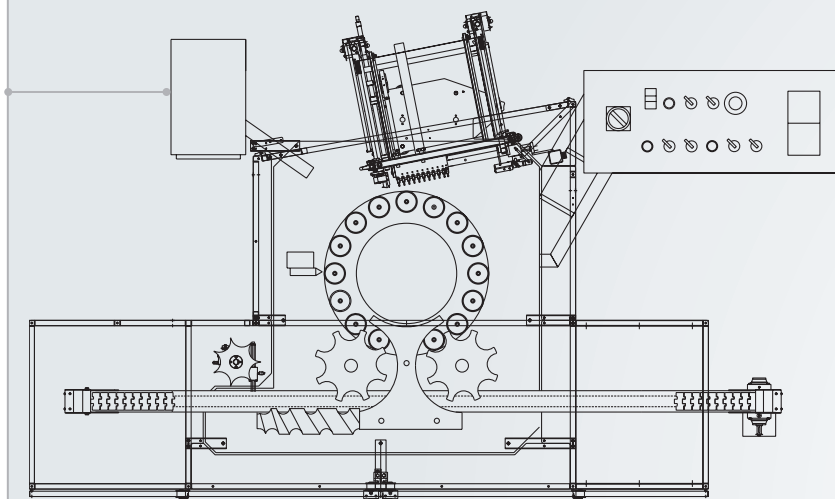
### Linear labellers

hotLAN® linear labellers handle dimensionally stable, cylindrical containers. During container passage the containers are rotated by belts which grip around the circumference of the container and thus the label is taken up. After the label transfer the label is closed by means of label fixing elements at the overlap.



### Rotary labellers

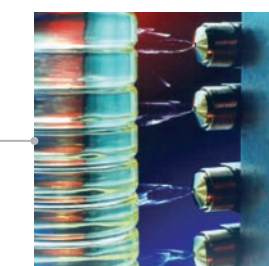
hotLAN® rotary labellers are specially designed to attach paper and plastic wraparound labels to round, rectangular as well as oval containers the walls of which, however, must be parallel. The machine conveyor transports the containers via the infeed scroll and the infeed star to the container plates of the carousel. There they are fixed by the container hold down devices. After the label transfer the label is closed by the label fixing elements at the overlap.



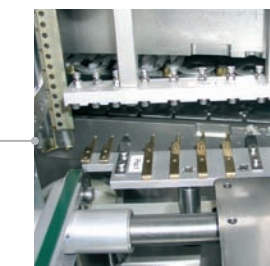
### Extensions/ Accessories

The hotLAN® machine series feature a modular design. Additional functions, whether standard or individual developments, can be integrated on request into almost any machine by LANGGUTH engineers. In the case of additional requirements, machines can be retrofitted cost-favourably at any time.

## Systems and components control



Nozzles apply a fine spray of glue spirals onto the container.



The labelling magazine can be re-filled during operation.

### Application of Glueing

hotLAN® machines apply glue only to the two ends of the label. The advantage: only 10 per cent glue consumption compared with a full-surface application of glue.

The closed process in the hotmelt system prevents the glue from being contaminated and reduces the time required for cleaning, maintenance and preparation. In addition time is saved by a glue heater which is activated by a time switch.

### Label magazine

The standard magazine can hold up to 7,000 labels; special magazines can hold even more. The label magazine is not only suitable for universal applicable label sizes and different materials, but they can be quickly adjusted to suit requirements.

## Advantages

- Particularly economic glue expenditure
- Minimal cleaning
- Contamination of the glue impossible