

## Wrap around perfect – from the reel with hot melt



### For PET bottles and glass, plastic and metal containers.

The GERNEP ROLLFED labelling machine with novel hot melt gluing technology for wrap around labelling of containers of the most varied shapes sets a benchmark for uncompromising straightforward technology. Together with the price advantage of film labels from the reel, the reduced glue usage and minimised cleaning times resulting from the contact-free start gluing means that the GERNEP ROLLFED is the inexpensive and economical answer to the increasing labelling demands in the beverage, food and chemical industries. Clear, ergonomic controls provide for problem free operation. Changeover and cleaning times are reduced to a minimum.

### System benefits of the GERNEP ROLLFED

- Compact, user friendly machine design
- Innovative hot melt label gluing in 2 different processes depending on requirements:
  - **1. Start and end gluing:** hot melt adhesive application, contact-free on to the label, on the vacuum drum.
  - **2. Start gluing:** hot melt adhesive application contact-free through high pressure nozzles direct onto the container.
  - **End gluing:** glue strips on the label end on the vacuum drum.
- State of the art label hot melt system: closed system, no foreign matter ingress, contact-free initial gluing, no reflux, no continuous recycling, always fresh glue
- Flexible speed compatibility and simple operation as complicated electronic synchronisation between vacuum drum and cutting drum and bottle table has been eliminated
- Fail-safe and simple operation with separate electronic control for machine, labelling unit and gluing system
- Shortest changeover times for different containers and labelling options

### Configuration possibilities:

The GERNEP ROLLFED is specially designed for economical labelling particularly for round but also for oval or angular glass, plastic or metal containers and above all for soft PET bottles. This labelling machine, which uses inexpensive film labels of all types right through to no-label-look from the reel, is universal and ideally suited to all the requirements in the beverage, food and non-food sectors.

### Operation – glue saving, reliable and accurate

The GERNEP ROLLFED is designed as a compact carousel. It adapts automatically to the container infeed and discharge flow. Fully automatic and accurate, the labelling unit transports the labels using a servo motor going to the exact cutting position which is registered positively by the colour contrast sensors. A special variable speed transmission makes the label positioning easier on the vacuum drum and the exact transfer onto the bottle table and enormously reduces complicated electronic synchronisation. This labelling machine is designed for ease of operation and to be highly reliable thanks to control electronics which ensure optimum glue dosing and providing for the possibility for preprogramming different bottle labelling.

### Contact-free GERNEP gluing

The GERNEP ROLLFED only fixes the label on the container at the start and end of the label with sprayed on hot glue spots ensuring economic use of glue at the same time as ensuring firm label adhesion. The novel GERNEP gluing is contact-free direct onto the label on the transfer drum both at the start and end of the label. If the label is to be glued right up to the label end edge, the end gluing of the label can also be done by a height adjustable end gluing bar.



## Robust and sturdy – Made in Germany



### The exact cut

The label is held on the cutting drum by vacuum, cut and then transferred to the vacuum drum for gluing.

### Machine control – convenient and reliable

The GERNEP ROLLFED control has been split into machine control, label unit control and glue management for ease of operation. This increases the operating reliability given the complexity of the exact interaction of operations.

Only tried and tested brand name components are used for the electronics.

Different container sizes are preprogrammable and can be called up individually from the menu.

The menu navigation, is self-explanatory and in several languages.



### The ROLLFED glue management system

The ROLLFED glue management system consists of a stand-alone hot glue device with its own electronic control. The functions such as heat zones, glue temperature, glue dosing are entered simply with option keys. The device status is reliably shown by light displays.



### Capacity range:

Our labelling machines are customer orientated individual solutions which we adapt to the respective capacity and format.

This means we develop and produce small and compact machines for small capacities right up to high performance machines over a whole range of equipment configurations.

### Labels:

- Paper and film labels from the reel

### Containers:

PET containers or other plastics as well as glass or metal

### Gluing system:

- Hot melt labelling

### Additional attachments:

#### Modular, upgradable for future requirements

Our flexible modular construction system means that we are able to incorporate optional additional attachments at the planning stage and retrofitting and changeover can be quickly and easily carried out.

More at: [www.gernep.de](http://www.gernep.de)