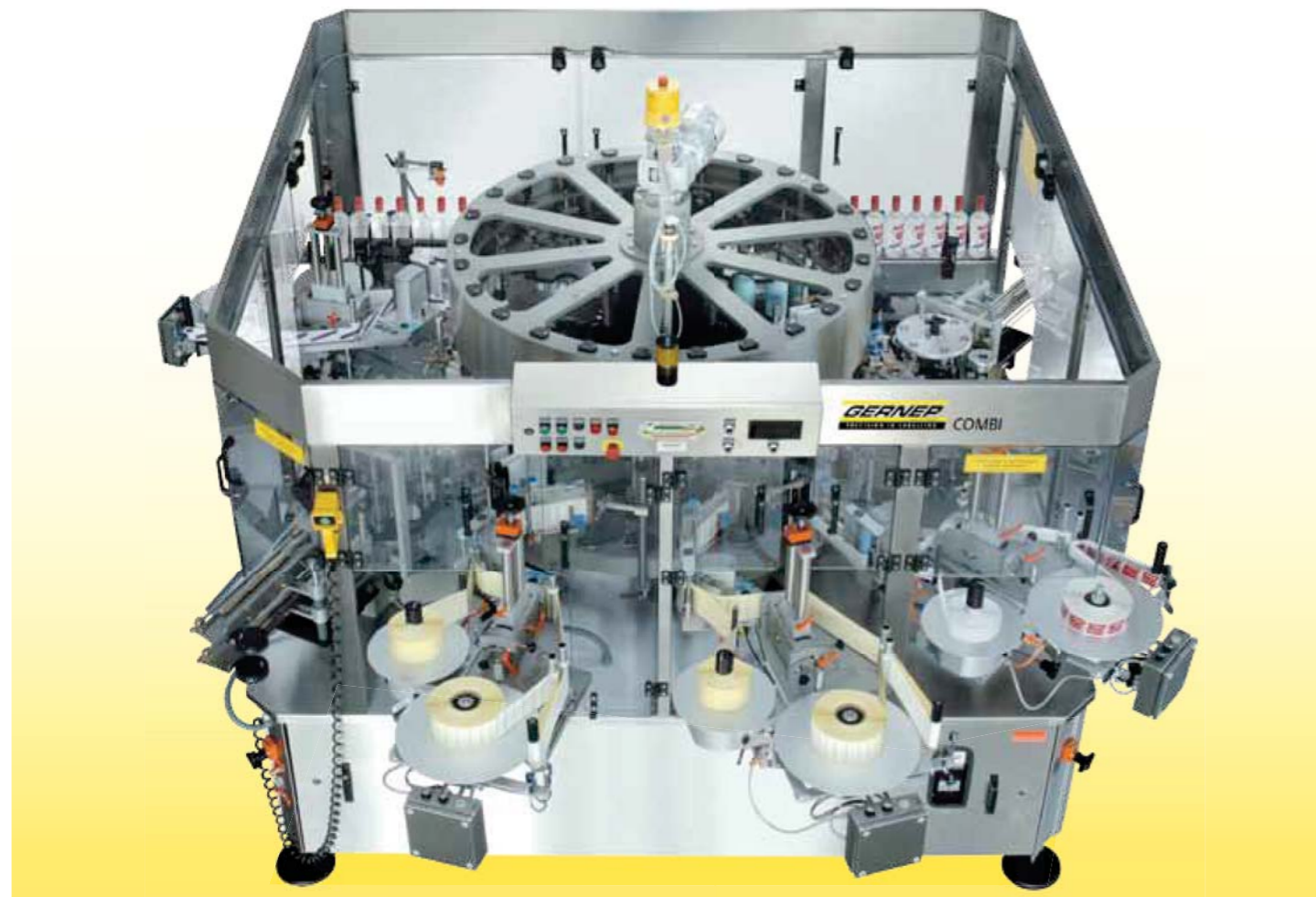


The machine design with almost all labelling possibilities



The perfect combined machine for frequent label and container changes

With the GERNEP COMBI we offer filling and final packaging operators requiring frequent container and labelling changes as well as contract fillers all the possibilities of labelling the most varied glass, plastic and tinplate with one machine in a confined space. This enables a quick reaction to the most varied of demands from the beverage, food and chemical industries.

Labelling possibilities

- Wet glue labelling from the magazine
- Hot melt labelling from the magazine
- Hot melt labelling from the reel
- Self-adhesive labelling from the roll

Efficient and economical

Up to 6 devices can be located on the machine table with different gluing systems or provision can be made for retrofitting. The individual devices can be run together or separately depending on requirements.

This is our reaction to customer demand for an inexpensive labelling machine which is fast and economical and keeps up with the rapid and ever changing market requirements.

Compact and space saving

The compact design of the GERNEP COMBI means it can also be installed in confined spaces. Apart from the space required for freedom of movement for the operative, no additional space is required for changing module devices, for example.

System benefits of the GERNEP COMBI

- High machine availability by using brand name components for drive and control
- Carousel design with accurate bottle guiding
- Space saving compact design
- Tried and tested wet glue labelling from the magazine
- Hot melt labelling from the magazine
- Hot melt labelling from the reel
- Self-adhesive labelling from the roll with servo motor and electronically controlled dispensing
- Automatic dispenser change for continuous operation over long periods is possible
- The various labelling systems can either be run individually or in combination
- Special speed modulating gear box for accurate label positioning
- Simple operation through programming and the option of calling up various labelling programmes
- Reliable, PLC control proved thousands of times
- The GERNEP modular design system means inexpensive and uncomplicated changeover and retrofitting

The GERNEP COMBI brings together all of our tried and tested gluing systems



High-end technology universal wet glue labelling

The traditional cold glue labelling with pre-cut paper labels from the magazine uses our newly designed labelling unit; compact and hermetically sealed against penetration of condensate, it has all the benefits of our 1000 times tried and tested unit. In addition the rubberised glue pallets it is also equipped with an intelligent adjusting system for optimum glue pattern.



Hot glue labelling from the reel

This device delivers the label strip from the reel onto the vacuum cutting drum, which transfers the cut label to a transfer drum. Here glue is applied sparingly in sprayed spots at the start and end of the label.

If the label is to be glued at the outside edge of the label end, the start gluing takes place directly onto the container and only the end gluing takes place on the vacuum transfer drum on the label already fixed to the container.



Hot melt labelling from the magazine

A special hot melt device applies hot glue spots contact-free onto the container through nozzles. These glue spots on the container take the label direct from the fixed label magazine. A glue bar carries out the gluing at the end of the label with a vertical strip.

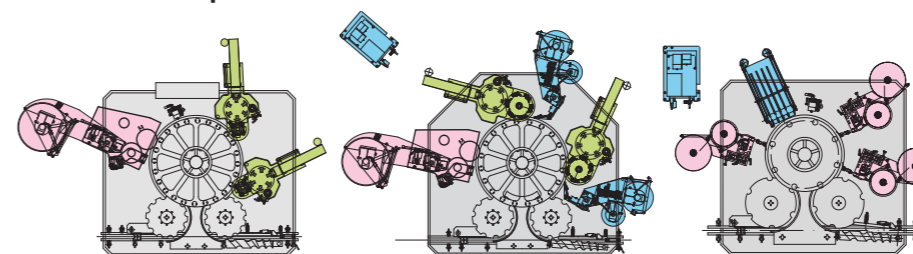
Where there are different label heights the appropriate nozzles are either activated or deactivated. The rotating bottle, controlled by the toothed belts, rolls the label around the cylindrical pack and glues it at the end.



Self-adhesive labelling from the roll

Our special self-adhesive devices are well tried and tested designs for all capacity ranges. Modern servo motors, up to 3, ensure exceptionally smooth running even at high cycling speeds. The loop, guide and tension rollers ensure precise tracking of the label substrate right up to transfer. Using a special microprobe both paper and transparent plastic labels can be used. Roll end function with advanced warning makes operation easier.

Combination examples of the GERNEP COMBI



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.

Wet glue labelling from the magazine

Labels:

- Pre-cut paper labels
- Pre-cut aluminium labels

Containers:

Glass, plastic, metal and moulded containers

Hot melt labelling from the magazine

Labels:

- Pre-cut paper and film labels

Containers:

Glass, plastic, metal and moulded containers

Hot melt labelling from the reel

Labels:

- Pre-cut paper and film labels from the reel

Containers:

PET or other containers in plastic, glass or metal

Self-adhesive labelling from the roll

Labels:

- Self-adhesive labels

Containers:

Glass, plastic, metal and moulded containers

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