

# GERNEP

MADE IN GERMANY

PRECISION IN LABELLING

#### Special Attachments:

There are a variety of special attachments available for exclusive product labelling. That way, you are ready for all future labelling requirements with the **LABETTA SK**.

#### Mechanical Container Alignment:

Specially adjusted sensors facilitate reliable alignment of special bottles via bottom and sidewall cams.

#### Photoelectric Container Alignment:

The cylindrical containers are rotated in a modified roller in-feed star. Optical sensors monitor the rotary motion and the clamped containers are specifically transferred to the bottle table.

#### Dating:

With our variable hot-stamp, inkjet, or laser printers, we can put expiry dates, price or contents information, as well as test numbers or code numbers on any desired location of the label.

#### Label Checking:

Depending on the requirement, we equip our machines with sensor-based label checking. Flexibly and easily adaptable to a great variety of label positions, the checking station can be integrated inside the machine or at the bottle outlet belt.

Through the intelligent modular design or our base machines, it is possible for them to be retrofitted at a later time with our special attachments.

Hence, GERNEP labelling machines are flexible and also ready to meet future challenges.

#### More than 30 Years of Tailor-Made Labelling Machines – Made in Germany

Just like Germany is dedicated to the art of brewing, we at GERNEP have been dedicated to our claim of "precision machine construction Made in Germany" for more than 30 years. Thanks to the solid know-how of Helmut Gerstberger, Berthold Neppel, and in the second generation Martin Hammerschmid in management, we maintain closeness to the customer that makes decisions possible in the fastest possible way and which makes it possible to complete projects economically and responsibly.

#### Consulting

Even before an order, we provide advice on the best and most economical solution, starting with optimum processing materials and practical label formats, right up to advanced labelling possibilities provided by our labelling machines.

#### Project Management

Our practical development team will find the optimum solution for any planning requirement. We provide quick and uncomplicated consulting onsite and develop your project plans on the most modern CAD systems.

#### Construction

Our labelling machines are adapted by our designers on the most modern CAD systems to meet the specific requirements. Through ongoing new developments, our machines are always state of the art.

#### Made in Germany

As an accompaniment to our combined series and individual production on modern CNC machining centres, all work steps are documented for later conversions or expansions. Ongoing quality control and extensive trial runs before shipping the machine guarantee fast installation onsite.

#### Installation / Repair Service

With our worldwide customer service network, we offer reliable local support after the machine is put into operation. Our technical service staff can be deployed worldwide in the shortest possible time if need be. We keep the maintenance and repair work to a minimum through our telephone service. That way, we simplify troubleshooting and repairs in a cost-saving way.

#### Spare Parts Service

Our extensive spare parts service ensures fast availability in the event of repairs and conversions. Our well-stocked warehouse and flexible production guarantee an uninterrupted supply of all spare parts and fittings worldwide, even after years.

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PRECISION IN LABELLING

## LABETTA SK

The labelling machine  
for modern  
self-adhesive labelling –  
flexible and economic

Subject to technical changes

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LABETTA SK

# LABETTA SK

## LABETTA SK

### Self-adhesive labelling from the roll – the labelling technology of the future



**Fully-automatic labelling machine for containers made of glass, plastic, metal, and moulded containers.**

**Performance range:**  
Dependant on the type of machine and the packaging  
**1,000 – 40,000 containers/hour**

The **GERNEP LABETTA SK** is specifically designed for precision self-adhesive labelling on a great variety of bottles and containers. The construction as a wrap-around model and the modular design with up to 6 self-adhesive labelling units provides the conditions for individual and flexible labelling.

Compared to the usual labelling system with cut paper labels and cold or hot glue technology, self-adhesive labels open up completely new labelling perspectives.

On one hand, costly label-dependent fittings and their expensive care, and the use of glue are no longer needed.

On the other hand, effective product labelling is no longer subject to any printing related restrictions.

Film labels in the no-label look, the possibility of tightly fitting label combinations that weren't possible with conventional fittings, and the optical effects of matt, satin, and high-gloss refine any label on glass, plastic, or metal containers.

With the **GERNEP LABETTA SK**, a labelling machine has been designed that is targeted precisely at this trendsetting, flexible labelling technology.

### Our configuration possibilities:

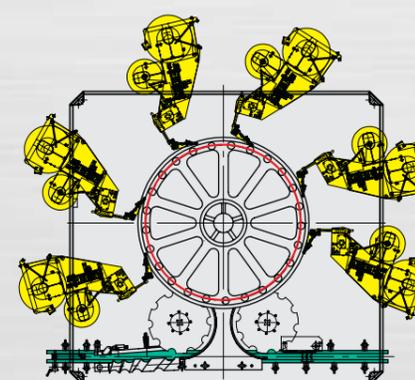
Through our self-adhesive labelling from the roll, it is possible to be equipped for rectangular, round or oval containers made of glass, plastic, and metal in an efficient and economical way with front, back, neck ring, sealing label, excise and no-label look labels.

For special requirements, we can combine self-adhesive dispensers and wet glue units.



### Advantages of the GERNEP LABETTA SK system

- precision labelling through exact positioning of the containers between the bottle plate and the self-centring bell
- container-specific rotation of the bottle plate
- multiple self-adhesive dispensers can be positioned modularly
- most modern self-adhesive dispenser with quiet running and exact servo motors instead of conventional stepping motors
- each self-adhesive unit can be controlled independently and individually
- easy positioning of the labels through 4 or 5-way adjustment of the dispenser, reproducible
- perfect no-label look labelling
- labelling with waterproof plastic labels
- effective non-stop labelling possible combination of the self-adhesive dispenser with wet or hot glue units



### How it works – with precision and user-friendly

Thanks to the modular design of our machine housing, it is possible to position multiple self-adhesive units – and wet glue aggregates as well if necessary – in a flexible way around the bottle carousel.

Each self-adhesive dispenser is equipped with a minimal-wear servo motor that is controlled in tune with the machine speed. The complete control electronics are integrated in the operator's terminal that directly controls the dispenser unit. The parameters for label positioning are easy to set on the dispenser.

Each self-adhesive dispenser forms an independent system with practical manual adjustments for the height, the sides, and a 2x tilt adjustment via a spindle drive, and it is reproducible via a counter and scaling.

The straightforward change-over to other formats and label positioning as well as the easy to understand menu navigation facilitates easy and uncomplicated operation of the **GERNEP LABETTA SK**.



### The Dispenser Unit – Precise and independent

Our self-adhesive units have designs that have been tried and proven in practice, both for small demand as well as for high demand applications with up to 3 servo motors and primary loop winders for each unit. Modern servo motors ensure extraordinarily quiet running even at high speeds. The intelligent system of the label guide and tensioning rollers guarantees precise guidance of the label backing up to the point of transfer. With a special micro-sensor, both paper as well as transparent plastic labels can be processed. The end of tape function with early warning simplifies operation.



### Operation – Easy and understandable

The machine is controlled in a user-friendly way on the ergonomically positioned operator's console. In connection with the easy manual setup of the individual self-adhesive dispensers, the setup and change-over work can be performed quickly and easily.

### Special designs

To change rolls quickly, the spare roll can be optionally readied on a separate dispenser. For special space requirements, double roll holders can be designed vertically as an independent unit with an extensive loop buffer. The design with 2 labelling units as a non-stop design with a pneumatically actuated dispenser edge is especially efficient. The stations can be extended to replace the label roll.



### Label Transfer – Exact and servo-controlled

The self-adhesive labels are gradually transferred in tune with the frequency-controlled machine speed. That way, exact label transfer to the packaging is guaranteed in every performance range. The integration of a programmable logic controller (PLC) guarantees not only reliable functionality, but it also opens up a variety of special attachments.



### Flexible for a great variety of requirements

The maintenance-free and reliable steering cross system with a control cam that is divided into segments guarantees varied and exact container labelling. On request, the rotation of the bottle plate can also be controlled by servo motors.