Modular labellers
Labelling with utmost flexibility
The all-rounders for labels

Whether round containers or specially-shaped bottles of glass or PET: The KRONES modular labellers are real all-rounders, because they are suitable for handling cold-glue, hotmelt and self-adhesive labels alike. Their modular design even enables a combination of different labelling techniques for only one container.

At a glance

- Labelling of glass and plastic containers with pre-cut labels, wrap-around labels or self-adhesive labels on only one container table
- Depending on the version, maximum output between 6,000 and 72,000 containers per hour
- Easy change of labelling process by labelling station change-over according to a simple Plug & Label principle
Facts and figures

Applications
Labelling of glass and plastic containers with cold glue labels, hotmelt labels or self-adhesive labels

Service portfolio
Depending on the version, maximum output between 6,000 and 72,000 containers per hour

Models
Ø of container table
600 mm Unimodul
720 mm Prontomodul
960 mm Starmodul
1,200 mm Solomodul
1,800 mm Topmodul
2,400 mm Multimodul

1. Cold-glue labelling station
2. Labelling station for self-adhesive labels
3. Canmatic labelling station for pre-cut wrap-around labels
4. Contiroll labelling station for reel-fed wrap-around labels
5. Infeed worm
6. Infeed starwheel
7. Container table with servo-driven control system
8. Discharge starwheel
Flexible decoration

KRONES modular labellers with their multifaceted decoration possibilities offer new freedom of design for your product marketing.

**Exchangeable labelling stations according to the Plug & Label principle**
- Cold glue labelling station for pre-cut labels
- Self-adhesive label applicators APS 3 and APS 4
- Canmatic labelling station for processing pre-cut wrap-around labels with hotmelt application
- Contiroll labelling station for applying reel-fed wrap-around labels with flexible adjustment of the labelling station pitch to various label lengths

➢ Using a motor, all labelling stations can be adjusted to the appropriate application height.
Flexible decoration

Cold-glue labelling station

For pre-cut labels
– Low-wear servo drive
– Stainless steel housing
– Special sealing to protect from outside influences
– Change-over to other labels or containers can be carried out quickly and without tools
Flexible decoration

**Autocol APS 3 applicator for self-adhesive labels**
For self-adhesive labels
– Automatically controlled servo drive for up to 120 metres per minute
– Adjustments can be reproduced at any time
– Output of up to 48,000 containers per hour
– Application tolerance of only ± 0.5 mm at the application wedge

**The latest generation: APS 4**
– Especially high-performance servo motor for up to 180 metres per minute
– Optimised weight of components
– Output of up to 60,000 containers per hour
– Application tolerance of only ± 0.2 mm at the application wedge

**Optional**
– Automatic splicing and separate rewinder
– AUTO-change
– Use of a fifth axis adjustment
Flexible decoration

**Canmatic labelling station**

Hotmelting with pre-cut wrap-around labels
- Two hotmelting units operating independently of each other for individual adjustment of the glue temperature
- Robust roller gluing which is not prone to malfunctions (no glue application if there is no container)
- Magazine for up to 9,000 labels
- Overlapping correction possible during production
- Optional: KRONES hotmelt spraying labelling station
Flexible decoration

Contiroll ED labelling station
Reel-fed wrap-around labels
- Electronic cutting unit for different label lengths and output ranges
- Servo motors for feed roller, cutting unit and vacuum-grip cylinder
- Automatic splicing of the end of reel at an only slightly reduced machine output
- Automatic and reproducible height adjustment via touchscreen

Benefits to you
- Hygienic Design and optimum accessibility
- New gluing unit with controlled »Gravure Glue Application«
- Granted cutter service life of 120 million cuts
- Cutter replacement within less than one minute
Technical details

Operation

- Height-adjustable operator panel which can be moved around the machine
- Safe access to the user interface using individual transponders
- Quick entry and query of the label parameters and adjustments of the main machine
- Adjustment values are saved independently of the type
- Interface to the superordinate systems of Production Data Acquisition (PDA) or Line Management System (LMS)
- Remote maintenance is possible
Technical details

Conversion

- Motorised lowering for the replacement of a labelling station by another labelling station moving on rollers
- Height-adjustable docking station, for precise labelling station positioning – independent of the floor level
- Reproducible adjustment of the application height using the type selection after a labelling station change-over
- Quickly changeable centring bells and container plates
Additional equipment

**Dating device**
Printing of best by date, code number and further information onto the label, the container side wall or the cap in various character sizes

**AUTO-change mode for two self-adhesive label applicators**
Automatic detection of the end of label and change to the second label applicator

**Automatic reel splicing unit**
Automatic splicing of the end of one label reel to the start of a new prepared label reel at reduced machine output

**Label supply**
Automatic magazine loading system for large label supply
Additional equipment

Neck-foil brushing-on unit
Application of round or pointed foils

Tools and aids for maintenance and product change-over
Main machine simulator

Lid labelling
Application of tax strips

Orientation with camera detection
Use of CCD cameras
System enhancement by Checkmat inspection unit

- Checks if labels have been provided and if they are correct
- Checks the labels’ position and angle of rotation
- Checks printed data, such as best-before dates or product codes, to ensure they are present and correct
- Recognises bar codes
- Checks fill level and container seal
- Rejects faulty containers using a retaining starwheel, clamping starwheel, or pusher
- No adjustment required if different containers are handled
- Reduces the change-over time and the fault quota
Benefits to you

**Flexibility**
Four different labelling systems can be employed in any combination on one machine.

**Space saving**
The machines require very little space because labelling stations not needed are replaced, and there is no need for a table plate.

**User friendliness**
The machines are easily accessible for maintenance and change-over and they can be operated comfortably via the swivel touch-screen.

**Efficiency**
Thanks to servo motor controlled container plates, the containers are individually turned according to the decoration, and the brushing-on sections are used optimally.

**Quick start-up**
The modular machine design facilitates positioning in the bottling and packaging line, and it enables an especially fast start-up.
Everything from a single source

Training sessions at the KRONES Academy – trained personnel increases your line efficiency
The versatile training offer ranges from operation, servicing and maintenance to management training. We will gladly also establish your individual training programme.

KRONES Lifecycle Service – partner for performance
Also after having purchased a new machine, KRONES will take care of your line; the LCS experts are always ready to consult you and translate your goals and wishes into optimal LCS solutions.

KIC KRONES adhesives – the all-rounder for a strong grip
Regardless if PET or glass, plastic or paper, labels or packagings – at KIC KRONES, you will find your ideal adhesives for a high-quality product presentation.

KIC KRONES cleaning agents make your machine shine
Only if the production environment is immaculate, can your product be brilliant. KIC KRONES provides you with the optimum cleaning agents and disinfectants for each individual production step.

Lubricants from KIC KRONES for every production step
Whether for gears, chains or central lubrication systems – our greases and oils are true all-round talents. They can reach every lubrication point, protect your line and ensure gentle treatment for your products thanks to their food-grade quality.
We do more.

Digitalisation
Process technology
Bottling and packaging equipment
Intralogistics
Lifecycle Service