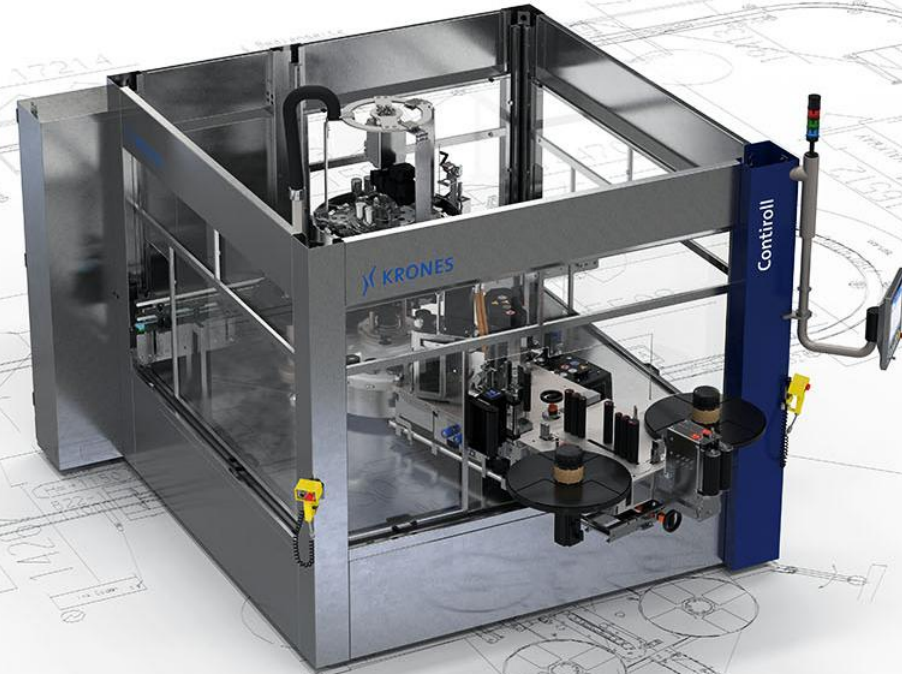




# Contiroll

Machine for reel-fed wrap-around labelling



 **KRONES**

# High flexibility with wrap-around labelling



When it comes to decorating containers with wrap-around, reel-fed labels, the Contiroll has been setting the benchmark for many years now. The machine has been designed as rotary machine and is equipped with a precisely operating labelling station. With regard to efficiency, accuracy and speed, the Contiroll absolutely takes a leading position.

## At a glance

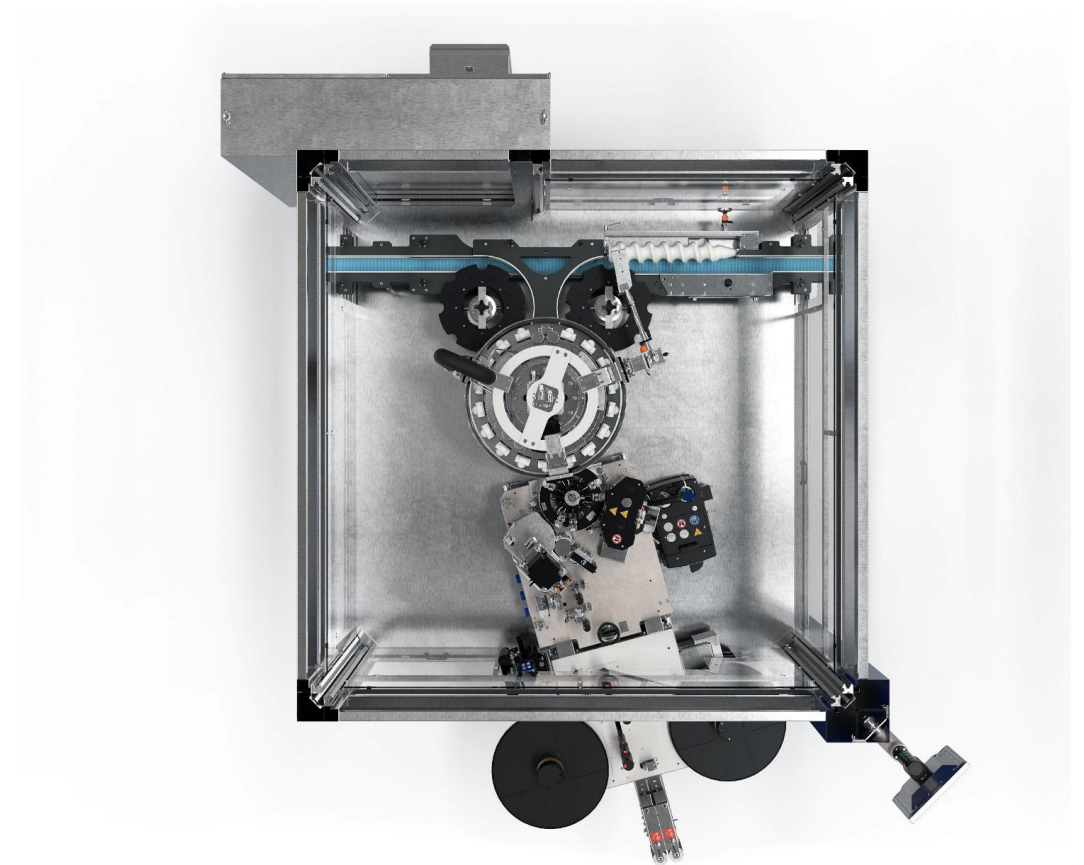
- Wrap-around labelling of cylindrical and specially shaped containers
- Precise container fixing using centring bells and container plates
- Quick access to the user interface through individual transponders
- Remote maintenance is available as an option



# Method of operation



- 1** A feed roller, the speed of which is adjusted to suit the label length, continually pulls the label film from the reel. The label film guider, which is installed as standard, makes sure that the label film is pulled straight.
- 2** In the cutting unit, the labels are precisely cut while a computer and servo motor ensure an exact cut-off point.
- 3** A heated glue roller applies a small glue strip to the leading and to the trailing edge of the label.
- 4** In order to tighten the label, the containers are rotated. When the trailing edge is glued down, the secure bond is complete.



# Variants for wrap-around labelling

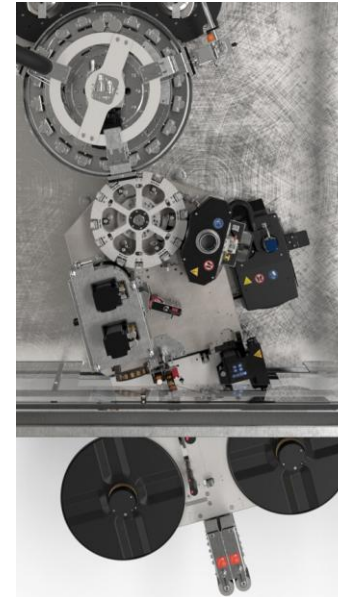


## Contiroll with TS labelling station

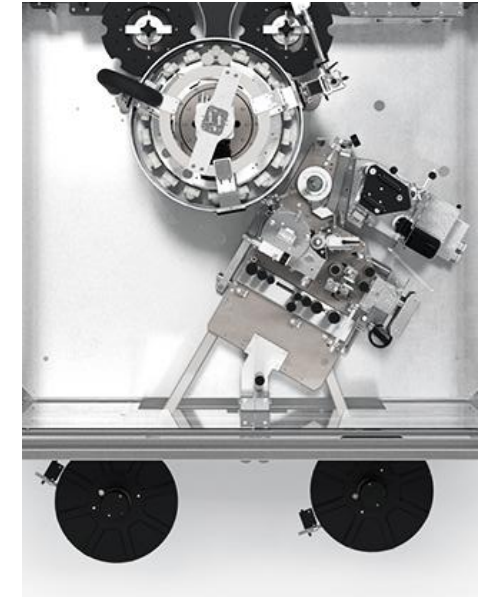
- Output range of 3,000 to 72,000 containers per hour, with only one labelling station, depending on the label length
- Variable equipment of the labelling station for processing longer labels as well
- Integrated servo drive technology for reel holder, feed roller, cutting unit, vacuum-grip cylinder and hotmelt unit

## Contiroll with CL\*\* labelling station

- Output range of 3,000 to 36,000 containers per hour, with only one labelling station, depending on the label length
- One common servo drive for the feed roller, cutting unit, vacuum-grip cylinder and hotmelt unit



\*TS=TopSpeed



\*\*CL=Classic

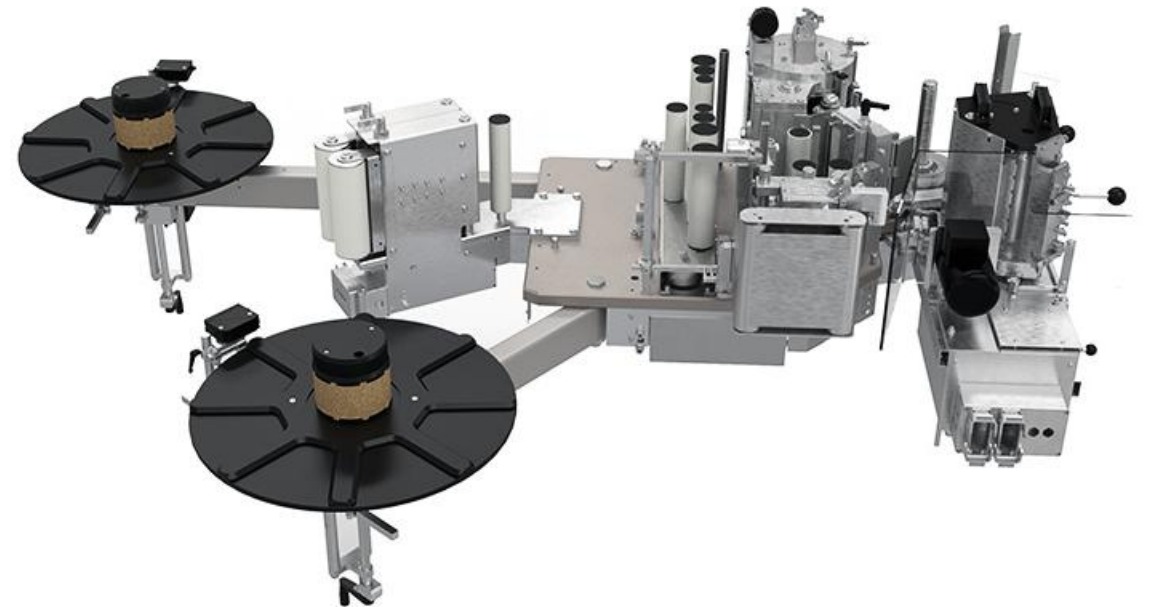


# Contiroll CL\* labelling station



## Technical features and benefits

- Label feed unit with register mark controller
- Vacuum-assisted gripper with mechanical gripper fingers
  - Easy change-over
  - Automatic reel splicing function available as an option
- Gluing unit with heated glue roller
- Adjustments with handwheel and register
- Optional automatic reel splicing unit
- Optional incline adjustment system with handwheel



\* Contiroll CL: The labelling station for the low to medium output range

# Contiroll TS\* labelling station



## Technical features and benefits

- Hygienic design with smooth surfaces
  - Quick and easy to clean
- Light-weight vacuum-grip cylinders with tool-free locking
  - Easy change-over
  - Automatic reel splicing unit included as standard
- New gluing unit
  - Absolutely controlled glue application thanks to newly developed "Gravure Glue Application" technology
- Insulated glue bowl
  - Heat-up phase reduced by up to 20 percent
  - Energy consumption reduced by up to 15 percent
- Electronic cutting unit
  - Stable and quickly changeable cutter
- Adjustment of the labelling station incline with a handwheel including register
  - Manual overlap correction possible during production

\* Contiroll TS: The label applicator for the high output range



# Additional equipment



## Labelling of empty containers

- Empty containers are stabilised with compressed air prior to filling
- Use of special centring bells
- Neck-handling starwheels
- Motorised height-adjustable container table

## Multifunctional clamping starwheel

- No curved guides required
- Available as infeed, discharge, or distribution starwheel
- Can be used as a rejection unit after the label inspector



# System expansion

## Multireel C



- Supports four or optional eight label reels (for a label height of 30 to 150 millimetres)
- Production duration of up to eight hours, without operator intervention
- Automatic splicing of label reels without speed reduction
- Can be retrofitted on Controll labellers which have already been installed
- Space-saving and ergonomic design
- Output: up to 55,000 containers per hour





# System expansion

## Checkmat inspection unit



### Method of operation

Configuration in packages (0, 1, 2, 3) with the following inspection options for the label and print depending on the requirements:

- Presence
- Position and slant
- Correctness using a 2D code
- Comparison of pattern and logo
- Flagging labels
- Bar code: Check for presence and read
- OCR (Optical Character Recognition): Check for presence and read (e.g. date)

### Benefits to you

- Rejection of faulty containers
- Comprehensive statistics functions and software
- Perfect integration in the main machine
- Relief for the operators
  - Creation of new types for additional graphics with wizard



Compact camera

EM camera in packages  
(0, 1, 2, 3)

# Benefits to you



## User friendliness

The Contiroll features ease of access and ease of operation.

## Low glue consumption

Only two narrow strips of hotmelt are required for container decoration, one at the leading edge and the other one at the trailing edge of the label.

## Large output range

The machine covers the full range – from the low output range to the highest.

## High labelling precision

Fixation of containers between the centring bell and the container plate ensures a highly precise container decoration.

## Time savings

Only short change-over times needed when changing container or label type.

## Reduced workload for operators

The Multireel C reel-storage magazine which is available as an option enables the Contiroll to work entirely autonomously for up to eight hours.

## Future-proof

The Contiroll can be retrofitted and converted also after many years of operation.

### Request new machine

You can easily send a request for a non-binding quotation in our Krones.shop.



# Certified ecological efficiency

## Machines with enviro seal



At Krones, the enviro label stands for excellent ecological efficiency. Products that bear the enviro label have proven in an objective test procedure that they efficiently use energy and media, and that they produce in an environmentally-friendly way. The requirements are defined by the EME standard that has been developed by the TÜV SÜD (technical inspection authority) for assessing production plants. The enviro test procedure, too, has been certified by TÜV SÜD as an independent expert. Therefore, you can be sure that: an enviro label stands for ecological efficiency.

### This is why the Controll with the TS labelling station is enviro-classified:

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#### Energy savings

- Up to 25 percent less energy consumption of the Controll TS labelling station thanks to the split vacuum system
- Insulation of gluing unit and glue bowl for an increased operational safety and reduction of energy consumption

#### Media savings

- Controlled and thus economic glue application thanks to the newly developed "Gravure glue application"
- Reduced number of lubrication points



# Everything from a single source



## 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.

## KIC Krones lubricants for each 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.

## Krones Lifecycle Service – Partner for Performance

It goes without saying that also after the purchase of new machines, Krones takes care of your lines: The Krones LCS experts are always there to help you reaching your goals and turn your wishes into optimal LCS solutions.





**SOLUTIONS  
BEYOND  
TOMORROW**

