

Sleevematic for cans

Creative and economical: a new approach towards can decoration



Cans perfectly presented



Sleeves, or printed films, are applied with a cling-fit to the contours of a container using thermal energy. This makes it possible to achieve all-round decoration whatever the shape of the container. Because cylindrical or contour cans make no difference – if you choose the sleeve as your type of label, there are no limits to the design options: Thanks to a wide range of printing alternatives, every product can be individually staged.

At a glance

- Brilliant printing quality
- Seamless visual appeal
- Special finishing possible, e.g. high-gloss silver/gold, matt coatings, metallic effect, thermochrome, integrated stickers, UV lacquer, iriodin coatings



At a glance

Sleeves and Sleevevematic



The sleeves

- Alternative to direct print
- Makes the product stand out with its striking appearance
- Full-body design
- Special container shapes can be decorated
- Wet-resistant labels
- Glueless labelling

The machine

The Sleevevematic labeller quickly pulls the labels over the cans in a clean and reliable mode. The Shrinkmat steaming tunnel makes sure that the sleeve labels perfectly cling to the can.

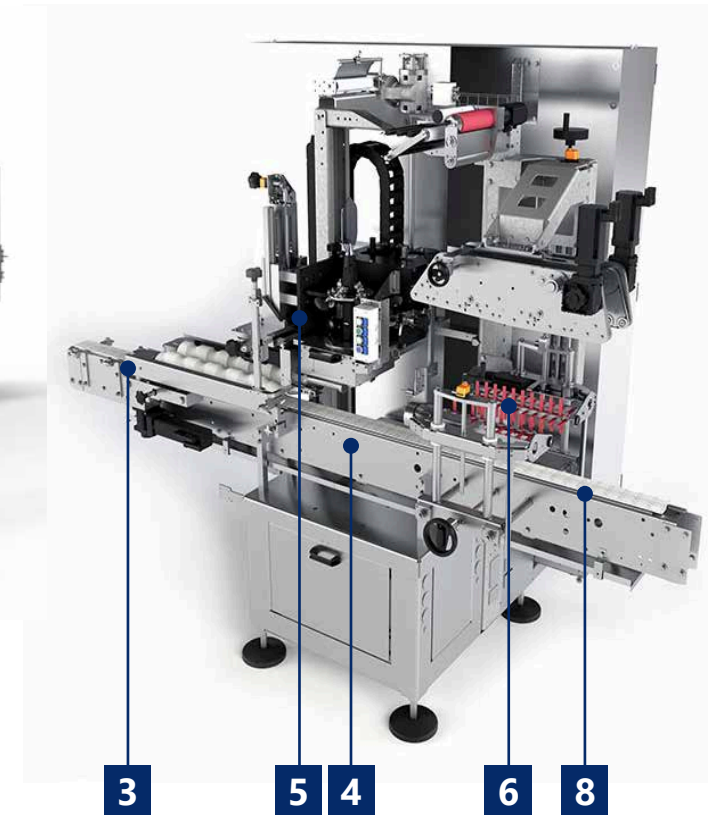
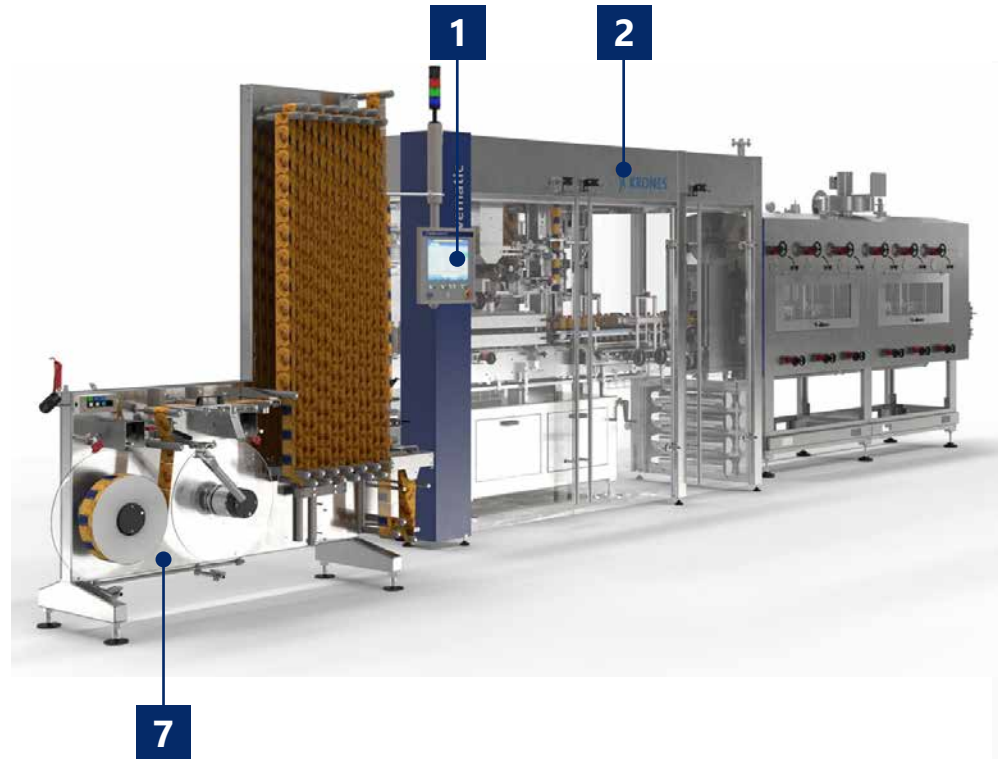
- Compact and modular design
- Quick handling parts change-over
- High labelling station operational reliability
- Good accessibility to the labelling station



The design



- 1** Pivoting main operating station
- 2** Stand-alone machine guards
- 3** Container infeed
- 4** Conveyor
- 5** Sleeve applicator
- 6** Sleeve brush
- 7** Sleeve supply unit
- 8** Container discharge



The key components



Sleeve applicator

- Opening mandrel for opening the sleeves
- Servo-controlled transport rollers
- Servo-controlled acceleration rollers

Sleeve positioning

Sleeve lowered by a brush system

Sleeve supply unit

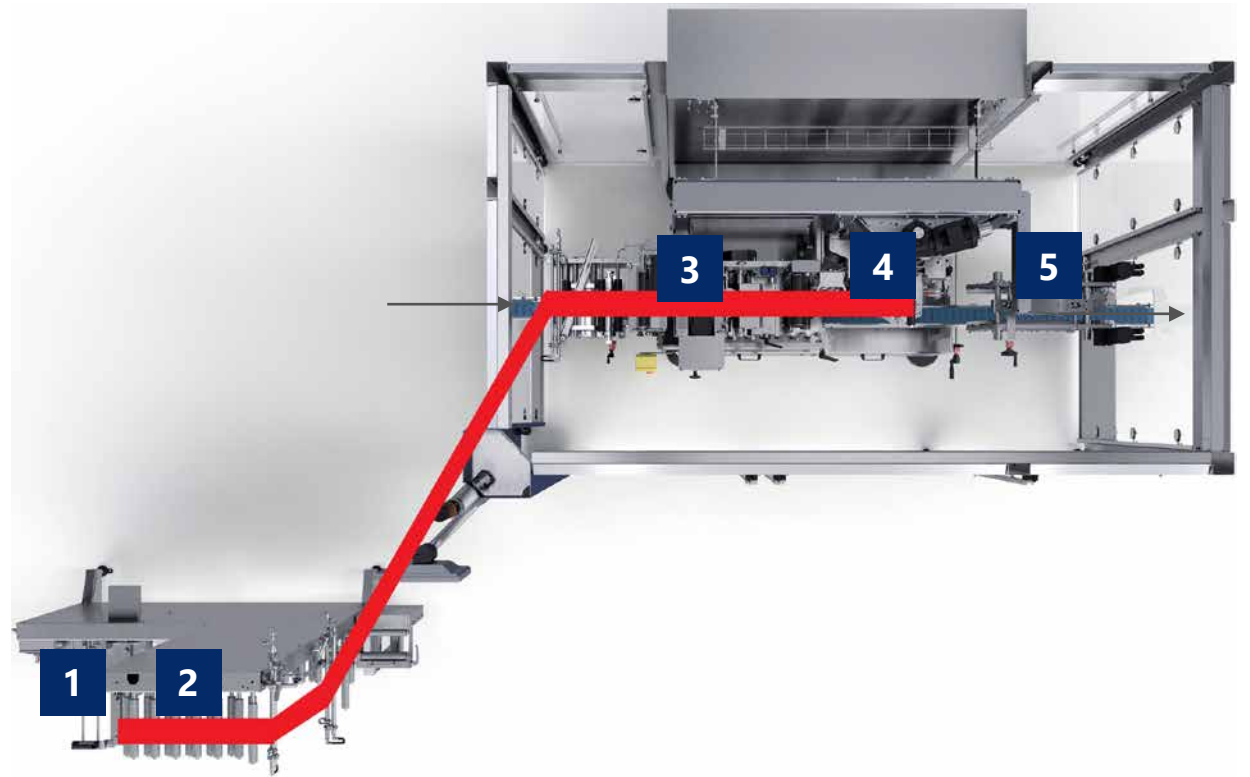
- Two sleeve reel holders (for up to 25,000 sleeve labels)
- Integrated splicing table for fast splicing of the sleeve reels
- Buffer for manual splicing: approx. 40 seconds
- The reels can be changed without stopping
- Optional: Multireel with automatic splicing for the high output range



Method of operation



- The incoming containers are spaced by the infeed worm and passed on to the conveyor.
- The sleeve film (1) is unwound from the reel by feed rollers and transported via the sleeve supply unit (2) to the sleeve applicator (3).
- At the sleeve applicator (4), the flat sleeve is drawn over an opening mandrel and opened.
- The opened sleeve label is accelerated by the servo-controlled feed roller and cut off.
- Afterwards, the sleeve label section is applied onto the container.
- A positioning device (5) ensures that the sleeve label is exactly positioned.
- The downstream shrinking tunnel exactly fits the sleeve label exactly to cling to the container contour.

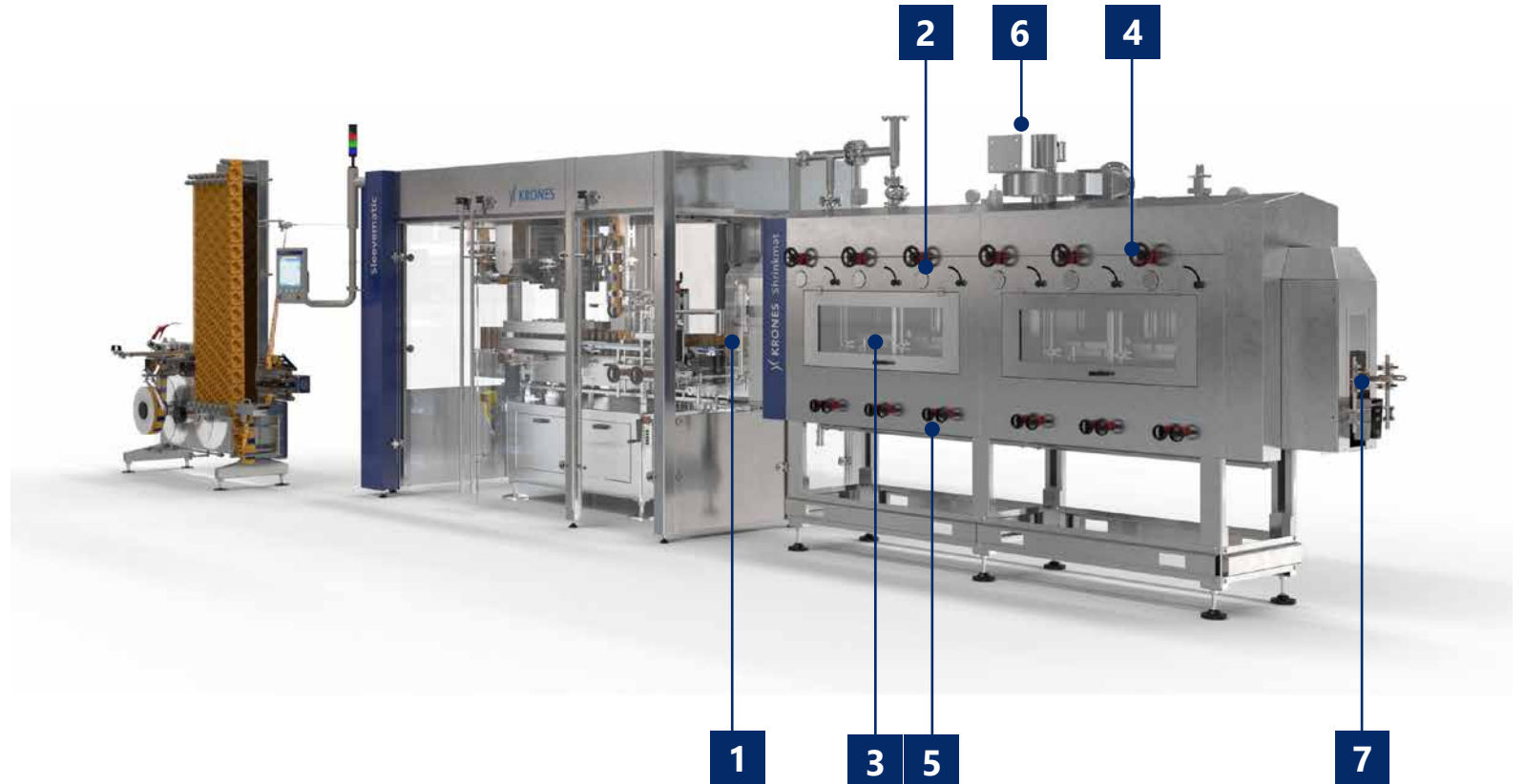


Shrinkmat steaming tunnel

Structure



- 1** Container infeed
- 2** Temperature gauge
- 3** Optional sight glasses
- 4** Steam pressure adjustment
- 5** Optional exterior steam bar adjustment
- 6** Steam extraction
- 7** Container discharge



Shrinkmat steaming tunnel

Method of operation



- 1** The containers with sleeves applied to them are fed through the steaming tunnel.
- 2** The steam pressure adjustment facility and shut-off valve for the extraction system enable the required temperature in each segment of the tunnel to be set.
- 3** The nozzle bars supply the steam to the sleeve from the bottom upwards.
- 4** The sleeve shrinks under the impact of the heat and adapts to the shape of the container.
- 5** The finished, sleeved container leaves the steaming tunnel.



Options



Checkmat inspection unit

Inspects cans for:

- Sleeve label presence
- Correct label position
- Correct fill level

Identification system

- Ink-jet printer
- Laser marker

IT solutions

- SitePilot LMS order and material management system
- VPN
- Remote Service



Benefits to you

Sleeves



Fast and flexible can decoration

- Fast decoration change-overs by changing the sleeve
- Independence from the can supplier

Reduction in material consumption

- Exact production qualities possible; no can waste
- Reduced logistics, no storage of different printed cans

Marketing advantages

- Time-to-market: Fast reaction to changes in the market and new trends
- Maximum flexibility for decoration specification

Production advantages

- Cost-efficient production of small batch sizes
- High system availability thanks to short change-over times



Benefits to you

Sleevematic



Labelling precision

Exact cutting length thanks to the servo-controlled labelling unit

Flexibility

- Wide range of different containers can be processed on one machine
- Independent of the label material

Increased efficiency

- New, completely revised label applicator with mechanical sleeve opening and servo-driven feed rollers
- Longer runtime with fewer machine stops thanks to the generous sleeve buffer with manual splicing option

Large output range

A label applicator for up to 40,000 cans per hour

Operation

- Touch-screen with graphical operator interface
- Operation via defined access levels



Benefits to you

Sleevematic



Security

Machine guards with swing doors (according to CE regulations)

Production change-over

Motorised labelling station adjustment with quick-change opening mandrel and container guide parts

Maintenance and cleaning

- Optimal accessibility thanks to the compact design
- Little cleaning required (no adhesive)
- Robust, long-life and easy-maintenance design

Hygiene

- Stainless steel (V2A) machine frame
- Container handling parts in open design

Quality

- Machine and labelling stations manufactured by us – "Made in Germany"
- Certified to DIN-ISO-9001, CE certificate

Request new machine

You can easily send a request for a non-binding quotation in our [Krones.shop](#).



Option

Remote Service



Professional assistance around the clock: With the remote service platform GRS (Global Remote Service), a Krones expert can log on to your machine via a safe internet connection, in order to, for instance:

- optimise your settings.
- adjust new types.
- train the production/operator staff.



Everything from a single source



Training sessions at the Krones Academy – trained personnel for an increased efficiency of your line

The multifaceted offer by the Krones Academy ranges from operation, servicing and maintenance courses through to management training. We will gladly also create your individual training programme.

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.

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.

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BEYOND
TOMORROW**

