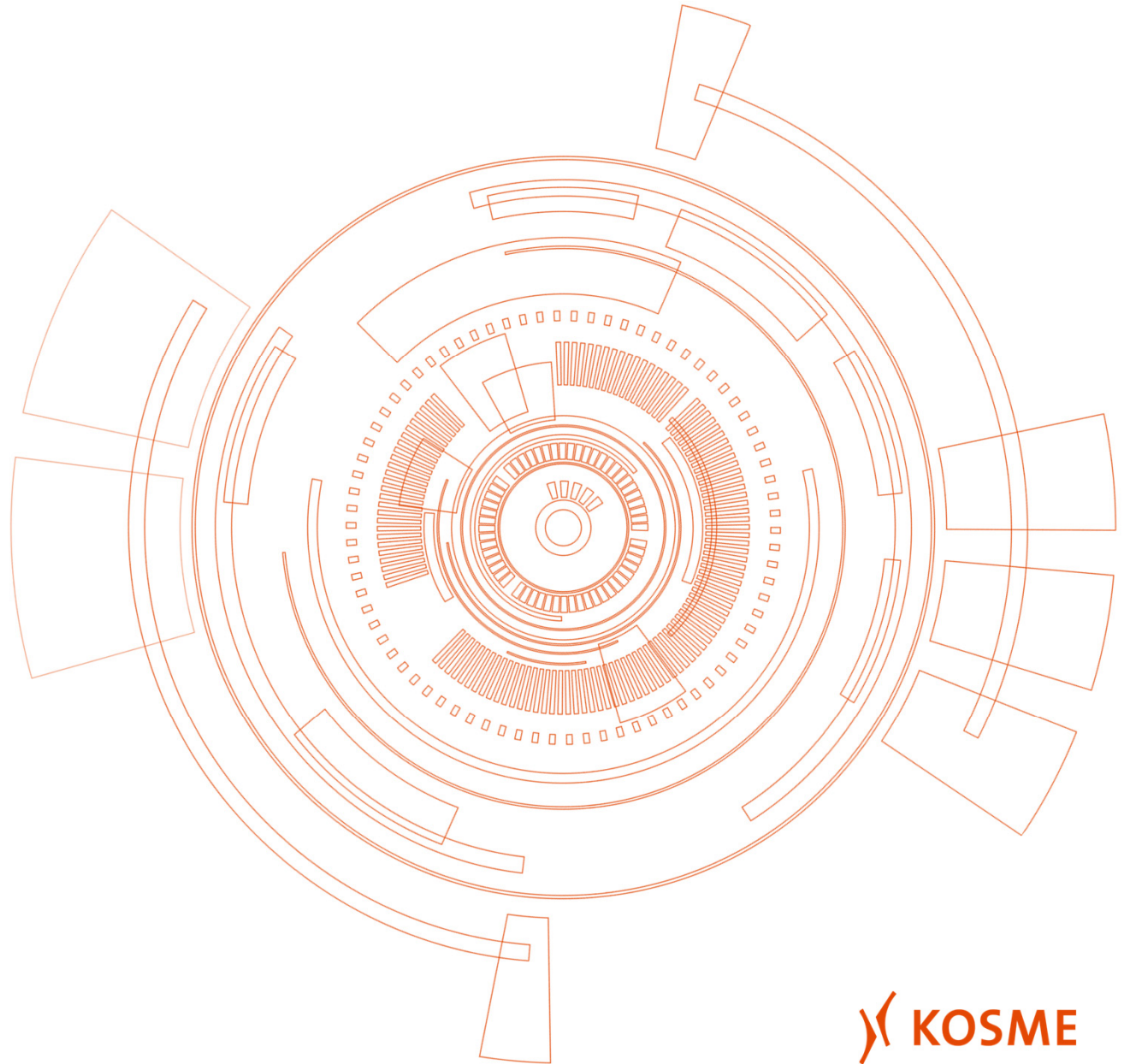


Flexa Reel

Roll feed labelling machine



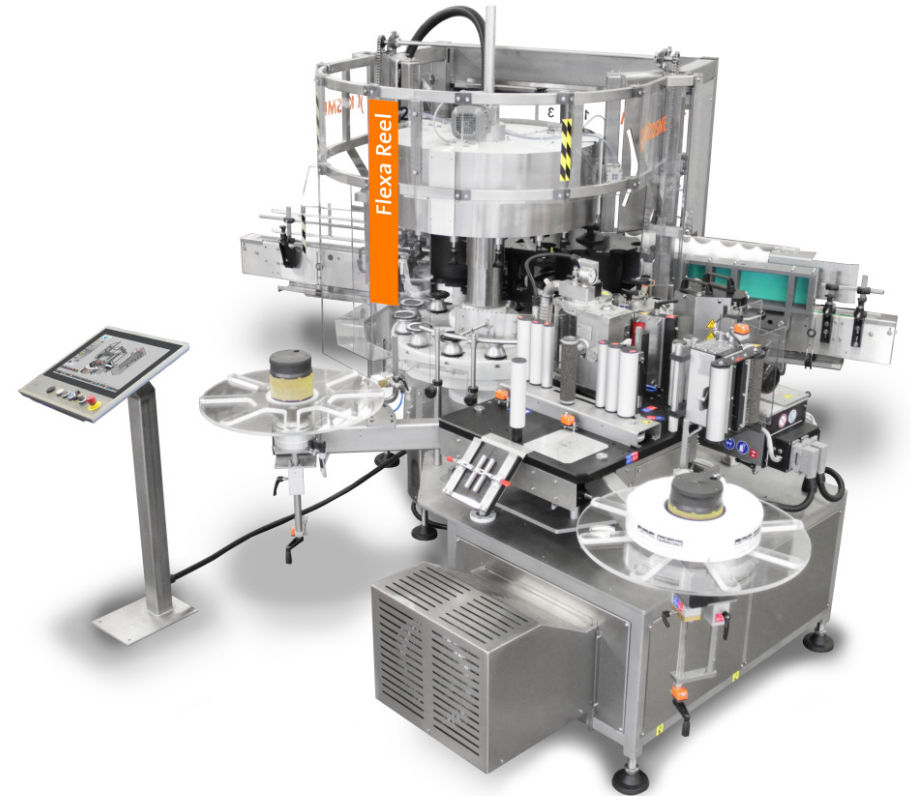


Flexa Reel – high flexibility for wrap-around labelling

The Flexa Reel is a wrap-around labeller that applies film labels with a hotmelt strip. Labels can be applied to the containers either with or without overlap.

Concept

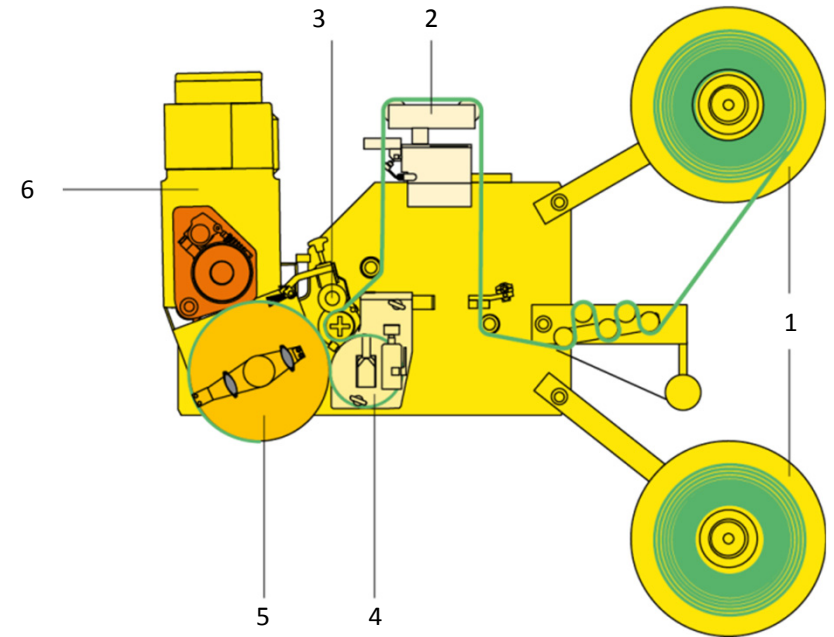
- Wrap-around labelling for cylindrical or specially-shaped containers
- Exact container positioning by means of centring bell and centring plate
- Container table design according to the planned container portfolio
 - with toothed belt and servo motor for cylindrical containers
 - with servo-controlled container plates for specially-shaped containers in the higher output range
- Hotmelt gluing unit with steel glue roller and adjustable glue scraper
- Operation with quick access to the user interface by means of individual transponders
- Use of remote maintenance





Technology in detail

- Electronic cap inspection and gap detection at the machine infeed
- Single-hand fasteners for quick change-over of the centring bells and bottle plates
- Low-cost labelling station with fixed label length range
- Feed roller driven by a computer-controlled servo motor
- The cutting unit can be removed for maintenance purposes
- Automatic roll splicer optionally available
- Central lubrication points



- 1 Label reels
- 2 Label web guider
- 3 Feed roller
- 4 Cutting unit
- 5 Vacuum-grip cylinder
- 6 Hotmelt gluing unit



Wrap-around labelling unit

Roll feed

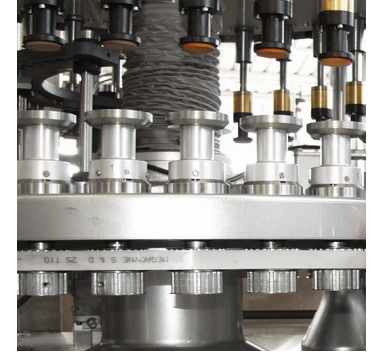
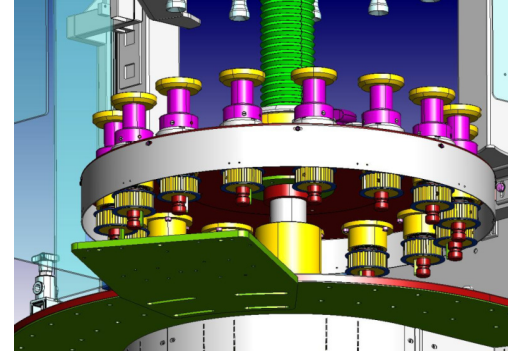
- Servo motor driven label feed
- Self-sharpening cutting unit with rotating and stationary cutter





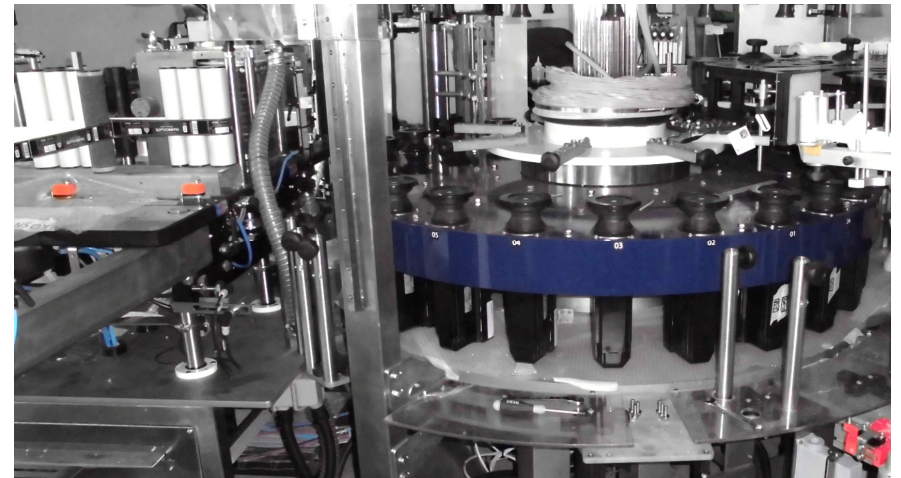
Central standard head

- Diameter 600 mm with ten plates and belt drive servo motor (mounted above the table) to change the speed of rotation of the plates
- The same central head can also be used for the hot glue



New central head for brushless motors

Servomotors with double cable replaced with servomotors with single-cable configuration

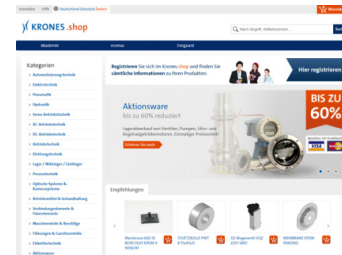




Industry 4.0 – KOSME machines for the future

KOSME is already preparing for Industry 4.0.

A concrete example is the roll feed system Flexa Reel, for which a new control panel has been developed, with which the machine may communicate with the rest of the world via a server for exchanging information, collecting data, ordering spare parts through e-shops, fix and notify faults, etc.





Benefits for your labelling tasks

High labelling precision

- The container is held in the exact position in the machine carousel.
- Perfectly synchronised operation on the container carousel

Low glue consumption

- Steel glue roller with adjustable glue scraper
- Strips of glue are applied at the label leading and trailing edges.

User friendliness

Time saved thanks to simple change-over processes





Sharing one passion.

