

KOENIG & BAUER

**Embossing detection system**

we're on it.

# Embossing detection system

## Your **benefits** at a glance:

- reliable detection of a characteristic on the article's lateral surface
- embossings, debossings and previously printed decors can be detected
- high registration accuracy with suitability for a second printing session
- due to the non-contact way of working, the system is maintenance-free
- the system allows a quick setup and conversion
- high testing performance (up to 100 pcs/min)
- easily upgradeable to a seam detection system without the necessity to retrofit additional hardware possible

- bottles can be positioned contactless by using the embossing detection system
- the system includes a camera, illumination unit, PC and corresponding software package
- the camera system detects a structure or feature (e. g. embossed/ debossed lettering or print image) at the article's lateral surface
- the software determines the angular position of the characteristic and transmits this value to the machine software, which feed the item to all other processes/ stations oriented
- the system is suitable for almost all article forms and materials
- various structures on the article surface of the article's jacket can be taught as a register mark in the software
- well-suited features for bottle positioning are notches, punch marks, lettering, symbols or even an existing décor at the article surface

## Characteristics

- in addition to software expansion, mechanical and electrical retrofits are required
- we recommend the retrofitting by one of our qualified service-technicians
- as a detailed training in terms of functionality, configuration and operating principle regarding the embossing detection system is essential

