KOENIG & BAUER

Print&Apply
4PL swipe

PACKAGING		
Entry	**Advanced**	High-End

Labeller with swipe applicator

For labeling straight or round surfaces on the fly

label width 4" or 6"

we're on it.

KOENIG & BAUER

Content

KOENIG & BAUER

Labeling

The quality of industrial marking with labels depends on the **selection** of the **label material** and its processing.

Recommended use for label materials

Quality	Temperature	Durability	Range of applications	Addendum
Paper standard thermal	-20 to +80°C	Conditionally	Simple marking	Cost-effective; for short-term marking
PE/PP	-20 to +80°C	Good: with moisture, chemicals, cleaning agents	full range	Good resistance; Very good print image; Good price/performance ratio
PVC	-20 to +90°C	Good: with moisture, chemicals, cleaning agents, weather conditions	full range	Suitable for outdoor applications; UV-resistant
PET	-40 to +150°C	Good: with humidity, chemicals, cleaning agents, high temperatures	full range, Automotive	Very high mechanical strength and hardness for demanding, permanent marking
Polyamid	-4 to +300°C	Good: with humidity, chemicals, cleaning agents, high temperatures	full range	Good dimensional stability
Laser Combustion Colour change	+260°C of short duration +150°C	Very good: with humidity, chemicals, cleaning agents, high temperatures	full range	Very high resistance for demanding marking Emission-free labeling (color change) Rewritable
Special materials/ functional labels		Depending on application	e.g. paint or surface protection, sealings	Process support and -optimization

KOENIG & BAUER
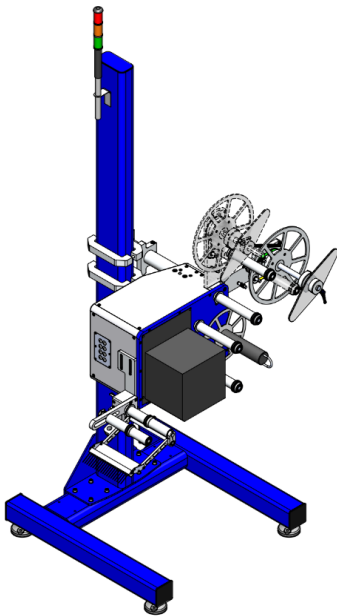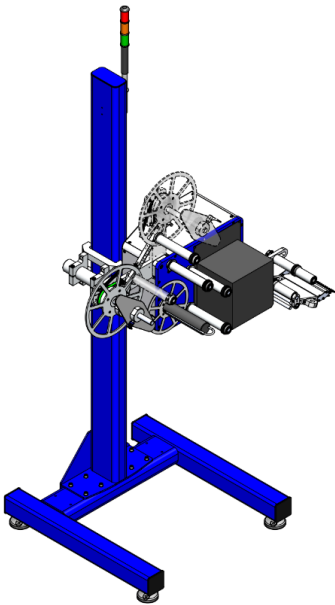
Application examples

APL-swipe

KOENIG & BAUER

4PL-swipe

Printer	Zebra ZE511 4"	Zebra ZE512 6"
Print resolution	300dpi	
Ribbon length	600m	
Label roll max. Diameter	300mm, 400mm (option)	
Measurements (L x W x H)	890 x 480 x 440 mm	
Weight	40 kg	
Enclosure class	IP 20	
Connected loads	115 V / 230 V ; 50 Hz / 60 Hz ; 110 VA	

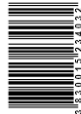|	
Environment	Temperature + 5° bis + 40° C, relative humidity 20 - 95 %
Operation	PC-Software, Touchscreen Terminal
Interfaces	Ethernet TCP/IP, RS 232, I/O, USB
Controller	Siemens Logo!8
Accessories	Protection cover, Mounting brackets, Stand, Sensor, Scanner, Camera, Touch-Panel, Beacon, Caster rollers

KOENIG & BAUER

Connectivity

Application Configuration
User interfaces and automation tailored to the specific application and according to customer specifications.

Scanner
For finding barcodes, e.g. to automatically overlay an existing label. With the scanner the barcode on the label can pass final control.

Camera systems
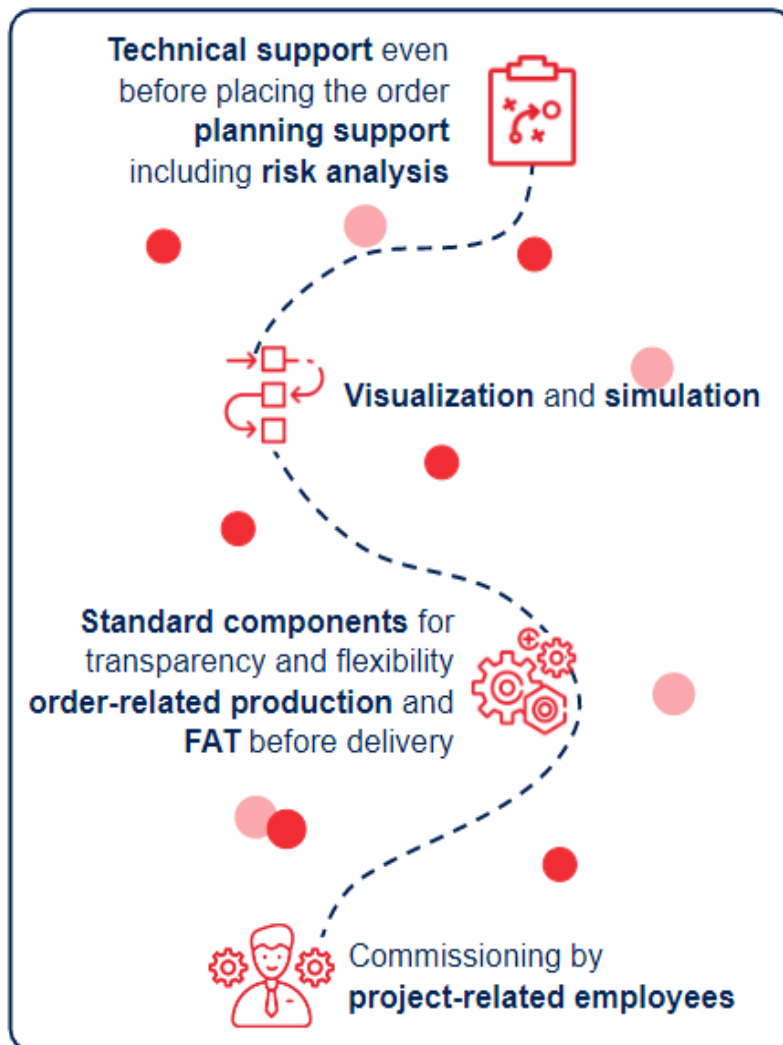For analyzing the object and automatically determining the label position. Finally, the camera can be used to perform a comprehensive inspection of the label, contents and position.

Sensors and switches
For sensorial location of the label position and for proximity determination of e.g. sensitive objects.

KOENIG & BAUER

Automation

Technical support even before placing the order **planning support** including **risk analysis**

Visualization and **simulation**

Standard components for transparency and flexibility **order-related production** and **FAT** before delivery

Commissioning by **project-related employees**

Our team from Koenig & Bauer Coding GmbH offers you an experienced and technically skilled team with experience in connectivity and auto- mation.

We are able to act as a binding provider of auto- mated overall solutions.

We assure you technical support before and after the order including a risk analysis. We visualize and simulate the project. We are using standard components to make our solutions transparent and flexible. The applications are produced order- related and commissioned by employees with direct relation to the project.

Quality

ISO certification according to DIN EN ISO 9001-2015

Made in Europe.

Our quality standards include the process of continuous improvement. Design and technical changes are therefore subject to change without prior notice.

KOENIG & BAUER

Contact

Koenig & Bauer Coding GmbH

Benzstraße 11

97209 Veitshöchheim

Telephone: +49 (931) 9085 - 0

Telefax: +49 (931) 9085 - 100

E-Mail: info-coding(at)koenig-bauer.com