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Print&Apply
4PL cobot

PACKAGING		
Entry	Advanced	**High-End**

Labeller with Cobot-applicator

for labeling with varying position or on curves

label width 4" or 6"

we're on it.

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Content

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Labeling

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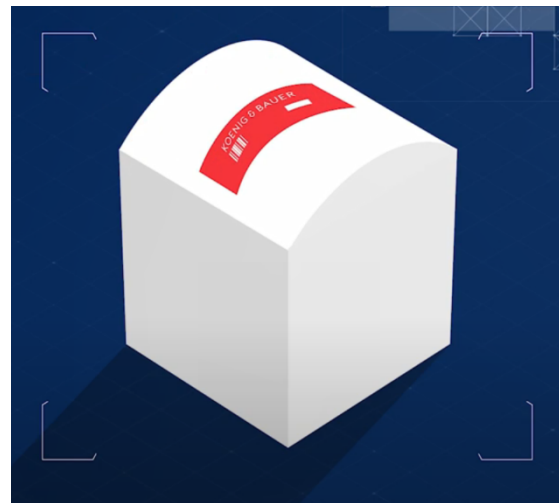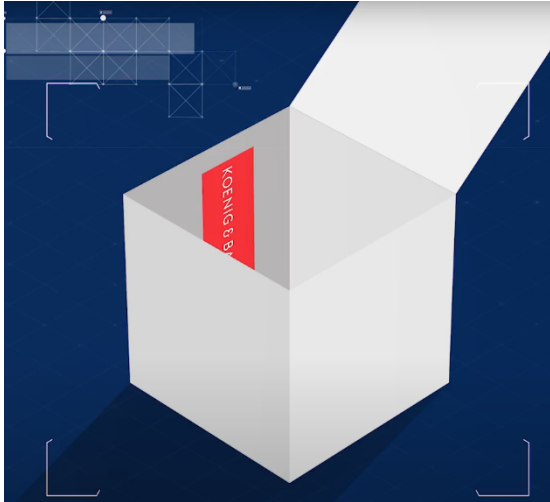
Recommended use for label materials

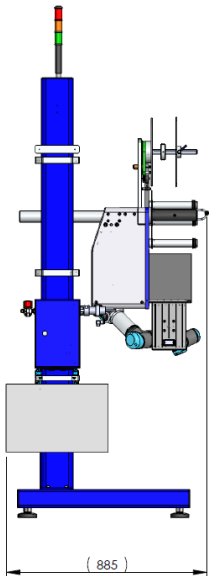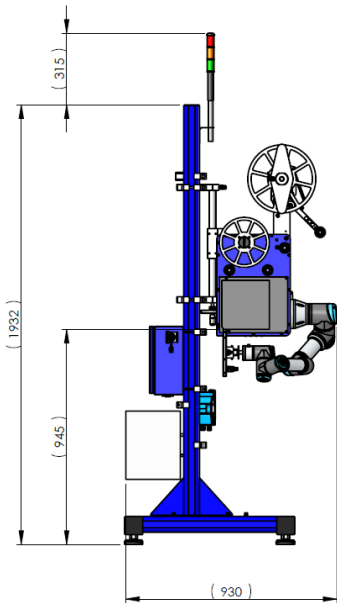| Quality	Temperature	Durability	Range of applications	Addendum
Paper standard thermal	-20 to +80°C	Conditionally	Simple marking	Cost-effective; for short-term marking
PE/PP	-20 to +80°C	Good: with moisture, chemicals, cleaning agents	full range	Good resistance; Very good print image; Good price/performance 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

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Application examples

4PL cobot

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4PL cobot

Model **4PL-cobot**

Printer	Zebra ZE500 4"	Zebra ZE500 6"
Print resolution	300dpi	
Ribbon length	600m	
Label roll max. Diameter	300mm, 400mm (option)	
Meassurements (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 brakets, Stand, Sensor, Scanner, Camera, Touch-Panel, Beacon, Caster rollers

Connectivity

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Packstation Sandwiches

Select the product:

ProdCode	ProdName
SDW01	Three Cheese Medley
SDW02	Tomato Brie Basil Sandwich
SDW03	Chicken Croissant Sandwich
SDW05	Tuna Sandwich
SDW06	Three Cheese with Vegetables
SDW07	Vegi Sandwich
SDW08	Hamburger
SDW09	Chili Cheese Dog
SDW10	Chicken & Bacon Melt
SDW11	Chicken Bacon Pita Sandwich

Chicken Croissant Sandwich

Crispy croissant with rotisserie chicken with mayonnaise and basil pesto

€3,00

Net weight: 180 g   Best before: 14.6.2020

Nutrition Information

	Per 100 g %Refence Intake RI	
Energy	2467kJ/590kcal	30% RI
Fat	22 g	10% RI
Of which saturates	5 g	8% RI
Carbohydrate	50 g	15% RI
Of which sugar	4 g	12% RI
Protein	39,4 g	5% RI
Salt	1,4 g	0% RI
Vitamin C	1,5 mg	3% RI

Salt content is exclusively due to the presence of naturally occurring sodium.

* Reference intake of an average adult (8400 kJ / 2000 kcal)

INGREDIENTS: Flour, water, chicken, basil pesto, mayonnaise

Select the printer:

ZEBRA ZE500-6 LH-300dpi ZPL

Number of copies:

1

Print

Manage data

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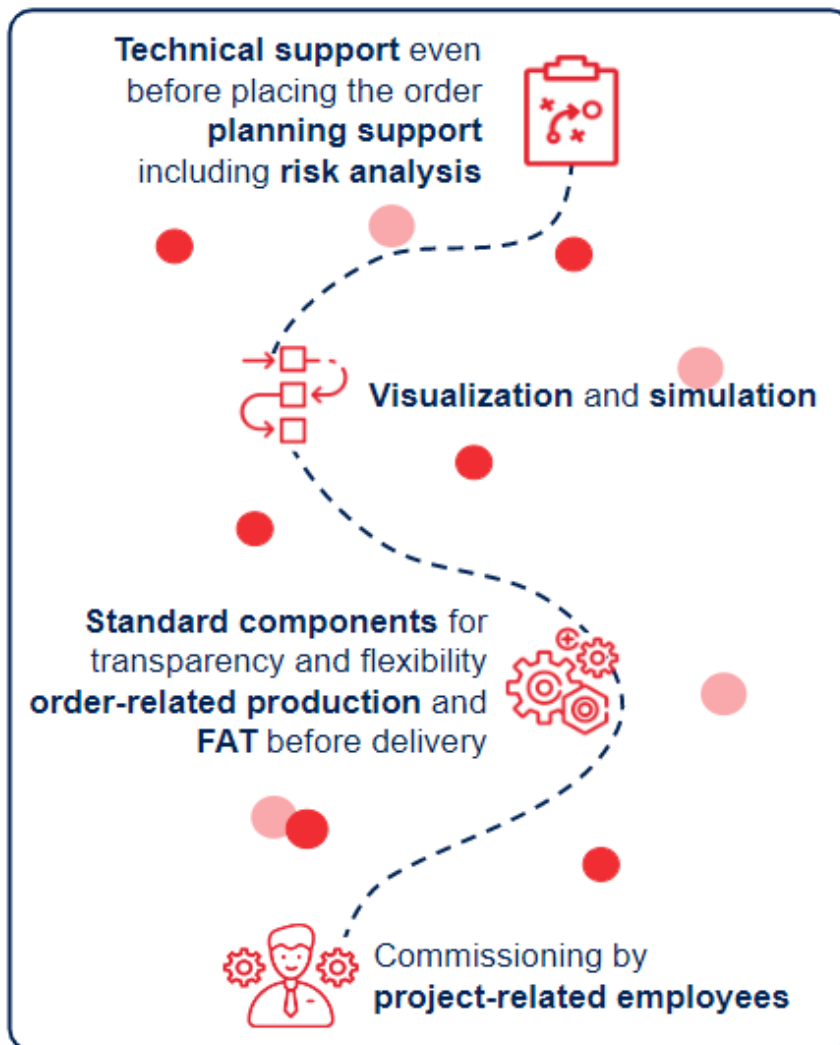
Sensors and switches
For sensorical location of the label position and for proximity determination of e.g. sensitive objects.

Safety engineering
The Cobot arm of the 4PL-Robotman is certified according to ISO 13849-1 by TÜV Rheinland for collaborative use without protective fences. In case of a deviating evaluation by the local occupational safety officer, safety sensors with various behavior patterns (slow down, stop, leave out) can be used.

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Automation

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.

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