# PRINTING AND
# APPLY SYSTEMS



## TURNKEY SOLUTIONS.

# S A F E
## SERIALISATION
## LABELLING
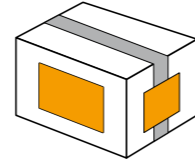## AUTOMATION

## - EXPERIENCED IN ALL INDUSTRIES

We, b+b Automations- und Steuerungstechnik GmbH, develop complete solutions in the fields of labelling, automation, serialisation and aggregation. Legal requirements as well as your wishes and needs are in focus. We supply industry-specific standard applications of various hardware and software components. We are pleased to develop special solutions according to your needs. Our fully automatic labelling systems are characterised by quality, modularity and user-friendliness.
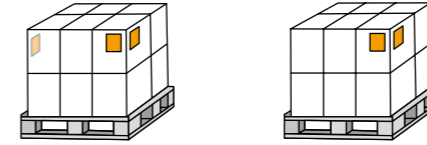
# PRINTING- AND APPLY SYSTEMS

## CLM > CARTON LABELLER

Our printing and apply systems from the CLM model series are designed for use in the final packaging predestined. To labelling of their cardboard boxes, printing widths from 54 mm to 216 mm (2" to 8") are available. In addition to the selection of the desired printing width the customer can choose between one- and two-colour printing. decide. The latter is e.g. helpful in the implementation of the GHS Regulation in the chemical industry. In interaction with our label design software Labelsplatform 4 you decide to choose the ideal and future-proof complete package

| Model | |
|---|---|
| CLM-S | Side labelling |
| CLM-T | Top labelling |
| CLM-S-FCW | Side labelling (+ front) |
| CLM-S-RCW | Side L-labelling (+ back) |
| CLM-S-U | Side U-labelling (+ front and back) |
| CLM-T-FCW | L-labelling top and front |
| CLM-T-RCW | L-labelling top and bottom |
| CLM-T-U | U-labelling front, top and back |
| CLM-B-FCW | L-labelling bottom and front |
| CLM-B-RCW | L-labelling bottom and back |
| CLM-B-U | U-labelling front, bottom and back |

## PAE > PALLET LABELLING

The PAE range is an innovative new generation of pallet labellers that can label pallets on up to three sides with either pneumatic and/or electric traversing
axles. The labels are printed with individual data in real time immediately before dispensing. The series is designed to integrate thermal transfer printing modules from different manufacturers. Automatic height adjustments are available as an option in order to Application heights on the pallet to start up.

The complete traceability of products is essential nowadays, which is why interest in intelligent pallet labelling processes is so high.
The system can handle label formats up to DIN A4 format, enabling product labelling according to the global GS1 standards.

| Model | |
|---|---|
| PAE-1S | Labelling of one pallet side |
| | (or multiple-sided by providing a pallet turning station) |
| PAE-2S | Labelling of two pallet sides at standstill |
| PAE-3S | Labelling of two pallet sides at standstill |

PERFORMANCE:
The PAE series is characterised by modularity, ease of maintenance and service.
Special focus was placed on this during development. All components are clearly arranged and easily accessible. Depending on requirements, the housing can be manufactured in robust aluminium or stainless steel or as an open variant for integration into an existing protective fence. The units of the PAE series can also be used in harsh environmental conditions and can also be equipped with air conditioning or heating units on request. The system is optionally available in left- or right-hand versions.
This enables easy integration into existing production lines.

# OEM-KITS FOR PROVIDED PRINTING AND APPLY SYSTEM

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As a certified contract and service partner of various manufacturers of printing systems, we also offer our know-how to sales partners of those companies that do not have knowledge of mechanical engineering, and integrate their equipment into customized and product-specific solutions developed by us.

As an integrator, we consider the complete system safety and also provide in addition to the standard documentation the necessary CE conformity declaration in accordance with the currently valid Machinery Directive 2006/42/EC, which further confirms compliance with the standards DIN EN ISO 12100: 2010 and DIN EN 60204-1 (VDE 0113-1):2007-06.

According to the Machinery Directive, the owner of the system is responsible for the safety of the system and therefore relies on the manufacturer's documentation. However, the manufacturer is not able to confirm the conformity with the necessary machine directives without further knowledge of the final intended use of the equipment.

## VFFS-Kit  > PERFECT LABELLING INSIDE YOUR PACKAGING SYSTEM

The extended dispensing beak which can be adjusted to the perfect application angle of your VFFS-system guarantees for an accurate labelling of your packaging foil prior it is formed to the final shape. A mobile floor chassis with quick snap fasteners at the required positions guarantee a quick change over different labelling positions.

The register roller is used for exact positioning of the labels on the dispensing beak and can be adjusted within seconds.
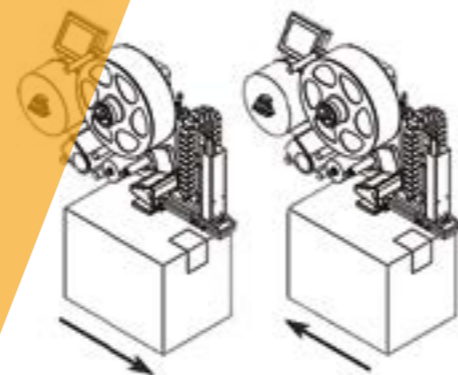
## FCW / RCW  > FAST AND ACCURATE AROUND THE CORNER

This cornerwrap applicator has been developed for the application of a shipping case label onto 2 sides of a shipping case (L-shape).

Since the module was developed in close cooperation with Videojet both components are exactly matched to each other. The application cycle is completely finished within 2 seconds. The label can be applied either on the front/top or on the top/back side of the shipping case. Both the RH and the LH versions are available from stock. The device is designed for a label size of 100 x 300 mm.

# HERMES Q PRINTING- AND APPLY SYSTEMS

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## THE STANDARD SOLUTION FOR THE INTEGRATION INTO A PACKAGING LINE

Available in print and dispensing widths of 2"/4"/6", the CAB devices already offer many factory options that simplify integration into your existing production line:

- Automatic film saving
- Print resolutions 200 dpi / 300 dpi / 600 dpi
- Label roll outer diameter 200 mm / 300 mm
- Various standard applicators and accessories

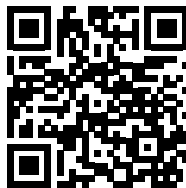Examples of available standard applicators:

| Demand module | Front side applicator | Vaccum belt applicator | Stroke applicator | Stroke blow applicator |

Should your requirements not be realizable with the available standard applicators, we will project, manufacture and deliver the customized solution for your application including all necessary documentation based on years of experience.

**b+b Automations- und Steuerungstechnik GmbH**

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