Xcheck DCM

Camera inspection in the die-cutter

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Baumer Group

Xcheck

Camera verification

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Detect any faults before complaints arise.

Brand owners' quality requirements for manufacturers of folding cartons are constantly increasing. A 100% control of production is required in order to avoid downtimes and stoppages in the further process. In order to meet these requirements as a manufacturer, the use of sensors and cameras for quality control is essential.
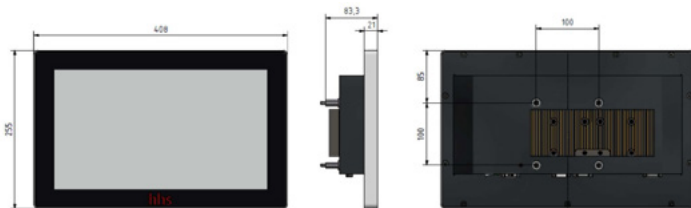
New requirements for monitoring
The proportion of products that do not run through a folder gluer is increasing. For these products in particular, such as blister cards and food trays, monitoring in the die-cutter is absolutely essential. This ensures delivery quality and increases customer satisfaction.

Xcheck DCM closes the gap in quality control.
The advanced Xcheck DCM camera system monitors the die-cutter feeder, filling an existing gap in quality control. Inspection in the die-cutter offers many advantages. For example, undermixing of die-cut sheets. Early detection of undermixing in the process ensures less downtime and increases your productivity.

Integration
The compact camera system is integrated into the die-cutter's feeder table, regardless of the manufacturer. It reads the codes printed on the front of the sheet. Defective sheets are not fed into the die-cutter and can be removed.

Depending on your requirements, a second camera can also read codes on the reverse side through a slot in the feeder table. This offers maximum flexibility for your production, even in the future.
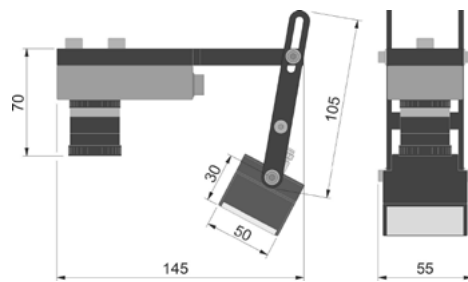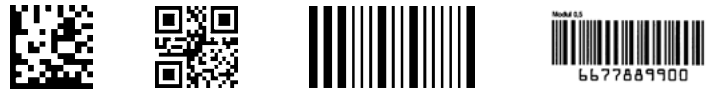
Easy operation
The Xcheck DCM is controlled via an Xtend³ system with a compact 15.6'' touchscreen. The intuitive interface is the same as for all Xtend³ systems and enables machine operators to operate the system easily.

Variability
In addition to the common and widely used barcodes, Xcheck DCM is also able to read 2D codes such as QR codes and Data Matrix codes. This provides maximum flexibility for current and future requirements in the packaging industry for tracking and product identification.

Set the course for the future now and offer your customers maximum quality control in folding carton production.

- Simple integration
- Detection of 1D and 2D codes
- 100 % quality control of all die-cut sheets
- For front and back side
- Ready for future quality control requirements

*Dimensions in millimetres

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Technical data: Controller

Data	Value
Length	408 mm
Width	83,3 mm
Height	255 mm
Weight	5,25 kg

Technical data: Smartcam

Data	Value
Weight	ca. 1, 780 kg
Lenght	145 mm
Width	55 mm
Height	70 mm
Power supply	12 – 24 VDC
Power	2,4 W
Protection class	IP40
Resolution	1440 x1080 px