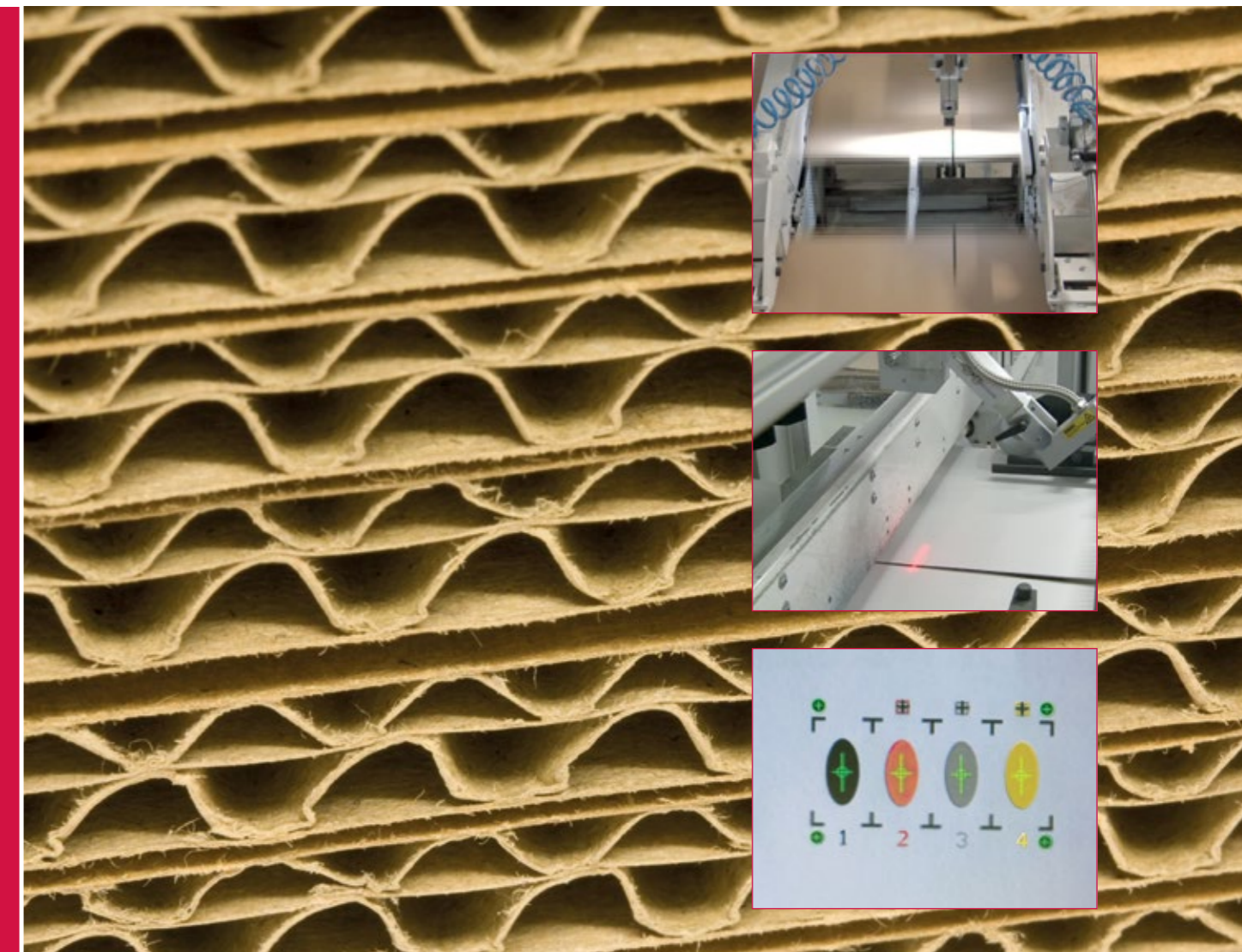# hhs
Baumer Group

Let's stick together

Box Monitoring:
Xcam technology for Inliner production

Overview of the Baumer hhs Box Monitoring systems:

▌ Easy to use via touch-screen
▌ Consistent Xtend^2 user interface on all systems
▌ Logging of all data
▌ PDF analysis
▌ Data transfer to operation data systems

Are you looking for quality control systems for flap-gluing corrugated board?

Request our "Non-Contact Flap Gluing for Corrugated Board" brochure.

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Xcam

Box Monitoring
Quality assurance systems for
modern Inliner/Flexo Folder Gluer Production

Gluing Systems
Quality Assurance Systems
Camera Verification Systems

Box Monitoring – detect defects quickly and easily.

As a corrugated board manufacturer, you are faced with constantly growing demands on production speed and quality. Manually intervening in a running system slows down the processes dramatically.

Automated quality assurance processes are the key to success. Check, eject and document – the Xcam Box Monitoring systems from Baumer hhs can do it all.

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APPROVED
BOX MONITORING
BY hhs
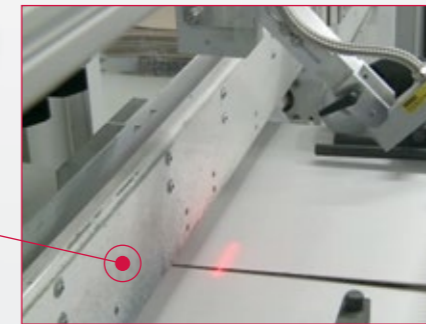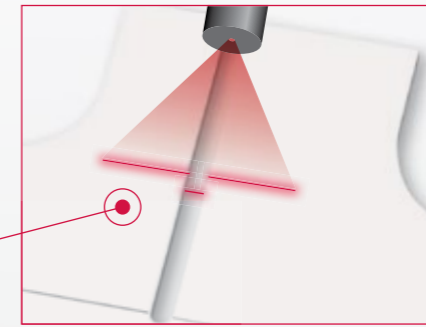
Inliner GAP measurement
Reliably measure and analyse gaps
This new system reliably checks the gaps that are created in Inliner (FFG) folding boxes between the base and lid flaps at the end of the gluing area when the four panels are brought together.

The Xcam GAP control system is based on a patented process, combining a high-resolution camera with a laser beam, making it superior to a camera-based system.

Regardless of whether the carton is printed or not, the system measures the front and rear gap with millimetre precision.

Slot depth measurement
Check the position and layout of slits
Slot depth is measured using a camera, making it easy to recognise if the slits are in the wrong place, or missing entirely. It can also recognise if any cardboard fragments are left in the slot. The Xtend^2 screen displays measurements as they are taken.
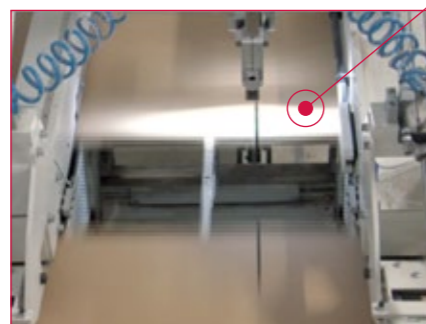
Register control
Ensure printing quality
Register control ensures that up to six different coloured inks are in the correct position in relation to one another. The first printing ink is used as the reference point.

After a single teaching cycle over ten sheets, a reference value is transmitted to the system. Any deviation from this is then quickly and easily recognised (measurement/repeat accuracy ± 0.05 mm).

All acquired data are displayed in the statistics menu and can be retrieved.