

Press Release

Kroha in Barleben, Germany, launches operation of the world's 5,000th ULT-300 cold glue sensor from Baumer hhs

Krefeld, 4 December 2017 – Baumer hhs celebrated a proud anniversary in 2017: Kroha GmbH at its plant in Barleben, near Magdeburg, Germany, launched operation of the world's 5,000th ULT-300 cold glue sensor from Baumer hhs, the Krefeld-based manufacturer of industrial gluing and quality assurance systems. Kroha uses the sensor in an FF 52i folding carton gluing machine from KAMA, which was retrofitted with a top gluing nozzle to enhance the machine's flexibility. In the gluing nozzle, cold glue is applied to folding cartons by a P-500 application head, also from Baumer hhs. Immediately after application, the glue is scanned by the sensor. It checks the position of the glue, but also those areas where no glue should be applied. The ULT-300 detects narrow and wide glue areas, as well as lines and dots on a variety of substrates. With its auto-teach function, the sensor automatically detects the glue pattern.

Installed at Kroha in 2015, the FF 52i is equipped with a bottom disk gluing unit, monitored by an LNT-300 sensor that checks whether the side seams were applied with the correct quantities of glue. And last but not least, a CT-30 colour sensor with integrated code reader, positioned just downstream of the feeder in the FF 52i, reliably rules out mix-ups.

The entire system is controlled by an integrated Xtend2 system. Its central display gives machine operators an overview of all the Baumer hhs equipment. What is more, the Xtend² system with its Tracking & Ejecting module controls the folding carton gluing machine's ejecting unit, which reliably ejects all flawed packages from the process. In this context, the equipment from Baumer hhs functions according to the fail-safe principle: Each folding carton produced is considered to be defective until all sensors integrated in the machine have identified it as flawless.

"Thanks to the reliability and performance of the technology from Baumer hhs, we can guarantee our customers one-hundred percent quality assurance in product finishing at both our plants in Miesbach and Barleben. And for our pharmaceuticals customers, that is a basic requirement for their collaboration with our company," explains Hans-Peter Blockus, Head of Folding Carton Finishing at Kroha in Barleben. "The technology from Baumer hhs," he continues, "is further characterised by high ease of operation, short set-up times and the modular design of the systems, which can be flexibly expanded at any time." These all are reasons why Kroha has always exclusively used systems from Baumer hhs for glue application and

the associated quality assurance in all folding carton gluing machines at both its plants. Several older machines still even have equipment in operation from the predecessor company Kurandt.

Kroha also uses an Xmelt hot-melt system from Baumer hhs at each of its two facilities. These systems are used, for instance, when the instruction leaflets are not to be inserted inside a package, but rather on the outside into specially glued tabs.

“The installation and start-up of the 5,000th ULT-300 underlines Baumer hhs’s worldwide leadership in this sector. We are pleased that this record-breaking sensor was delivered to Kroha, one of our oldest customers, with whom we have launched so many pioneering projects. Working closely, we have continuously expanded the possibilities for glue application and quality assurance in package production in the pharmaceutical and other industries,” said Baumer hhs Sales Head Markus Leier in honour of the event.



((Image Blockus_Cebulla_ULT-300))

Hans-Peter Blockus, Head of Folding Carton Finishing at Kroha in Barleben (left), and Andreas Cebulla, Head of Sales for the East German region at Baumer hhs, proudly present the 5,000th ULT-300 cold glue sensor. Kroha will be installing the sensor in an FF 52i folding carton gluing machine from KAMA.



(Image Hans-Peter_Blockus))

Hans-Peter Blockus: “With Xtend², our machine operators can conveniently manage all the gluing and quality assurance equipment from Baumer hhs via a central display screen.”



((Image ULT-300))

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Kroha GmbH

Kroha GmbH was founded in the late 1970s by Franz Kroha, in Hausham, Bavaria, as a classical printing business. The company, which today counts 250 employees, has developed since the 1990s into a manufacturer of folding cartons chiefly for the pharmaceuticals and food industries, as well as other growth markets. In autumn 1996, the company opened its second plant in Barleben, near Magdeburg, Germany, which mainly produces folding cartons and information leaflets for northern Germany and neighbouring countries. Kroha is capable of offering its customers maximum reliability thanks to the largely identical design of the production systems at both plants, and its cross-facility scheduling and control. Both plants are certified on a regular basis to pharmaceuticals industry standards. Kroha makes a practice of cultivating long-term, intensive partnerships with its customers. www.kroha.de

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Baumer hhs GmbH

Baumer hhs GmbH, Krefeld/Germany, is a leading, internationally operating manufacturer of industrial gluing systems in conjunction with quality assurance and camera verification systems. Baumer hhs offers its customers a carefully coordinated portfolio of solutions for a host of different demands on cold glue and hot melt application in automated production environments, including application heads, pumps, pressure vessels, control and monitoring systems. The portfolio is rounded off by a comprehensive range of services, from consulting and the testing of innovative applications at the hhs solution center in Krefeld, all the way to every form of after-sales service. Solutions from Baumer hhs are used in the folding carton and corrugated board industry, in print finishing, special-purpose machines and many other applications.

For more information on the Baumer hhs company, its products and its services, go to: www.baumerhhs.com.