

# Press Release

## **Baumer hhs's booth at PACK EXPO International 2022 attracted a steady stream of visitors**

**Krefeld, xx November 2022** – Baumer hhs reports great interest in its innovative adhesive application and associated quality assurance solutions for packaging production at this year's PACK EXPO International (23 – 26 October 2022 in Chicago, USA). "Our systems deliver maximum efficiency, cost-effectiveness, flexibility and sustainability in adhesive application and quality control. That's what we are known for, also on the North American market, and it explains the rush on our booth at the trade show," said Rick Pallante, President of Baumer hhs for the USA and Canada, at the conclusion of PACK EXPO International about the positive response. The company's exhibits in Chicago focussed on these aspects.

For example, Baumer hhs had the Xmelt BIO on display, a new hot melt unit that can melt and convey water-based, 100% plastic-free hot melt adhesive for the production of folding cartons made of uncoated paperboard. Thanks to this capability, the Xmelt BIO helps to reach the sustainability goal of eliminating plastics as far as possible in folding carton production. In addition, the new hot melt unit increases flexibility, because it allows users to work with a variety of adhesives and folding carton paperboards.

Sustainability is also one of the advantages of the dot board from Baumer hhs. A member of the tesla family of hot melt products, the dot board has enabled customers around the world to reduce adhesive consumption by 50% or more in many applications, such as erecting trays or producing wrap-around packaging, by switching application to defined dots of glue. This is possible because the dot board converts input signals from the packaging machines into the high-frequency signals needed by the powerful, electromagnetic tesla heads to apply rows of dots. Dot application significantly reduces adhesive costs and greatly improves the quality of glued joints thanks to ideal heat distribution in the joint. Furthermore, reducing adhesive consumption lowers CO<sub>2</sub> emissions to the same extent.

In view of these advantages, electromagnetic tesla hot melt heads are used today in numerous packaging applications that previously could only be run on failure-prone, electropneumatic heads. Installing the equipment from Baumer hhs is simple and fast: The dot board only needs to be integrated in the control cabinets of the machine controllers to establish a connection between the application heads and the machine PLCs. To make installation even more flexible, Baumer hhs introduced Xmelt hot melt hoses with an outside diameter of only 30 mm at PACK EXPO International. They offer the same flow capacity as the previous Xmelt hot melt hoses with a 40 mm outside diameter, but can be installed more easily in the machines.

“At this year’s PACK EXPO International, we intentionally wanted our exhibits to demonstrate Baumer hhs’s holistic approach, meaning its broad R&D activities aimed at optimizing gluing and quality assurance in packaging production. Our customers want just one contact for all their adhesive application needs; a single supplier who can equip all their applications and who responds to their unique requirements. This is another reason why our booth was so busy throughout the trade show,” observed Mr. Pallante.

PACK EXPO industry trade shows are hosted by the US Association for Packaging and Processing Technologies (PMMI).



Baumer hhs’s innovative adhesive application and associated quality assurance solutions for packaging production generated a lot of interest at this year’s PACK EXPO International in Chicago, USA.

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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 centre 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](http://www.baumerhhs.com).