

Press release

IFFA 2025

Automation that Inspires: Poly-clip System Relies on Advanced and Innovative Solutions for Food Production

Hattersheim am Main, Mai 2025

With innovative solutions for greater efficiency, safety and cost-effectiveness, Poly-clip System is bringing new momentum to the industry at IFFA 2025. The global technology leader in clip closure systems will present smart developments in Frankfurt that comprehensively automate production processes, from sausage manufacturing to transport. Highlights such as the Automatic Casing Loading (ADNL), the new HSH 18 loading unit for smoke trolleys, the splash-proof transport robot Poly-LogBot® powered by Sherpa, and the compact FCHM-MB represent a new standard in automation for the food industry. The focus: reduced staffing requirements, higher throughput and uncompromising hygiene.

Automatic Casing Loading (ADNL) – A revolution in sausage production

With its Automatic Casing Loading (ADNL), Poly-clip System takes efficiency in sausage production to the next level. Developed for models FCA 120, 160 and 160 XL, the ADNL enables continuous casing reloading, ensuring almost uninterrupted production processes. Thanks to automatic removal of residual casing and end detection, manual intervention is reduced to a minimum. The system eliminates the need for constant operator presence at the reloading station. At the heart of the machine is a sophisticated magazine system with automated casing change, ensuring smooth operation. This allows for up to two hours of uninterrupted production without any operator input. It relieves staff, saves valuable time, and enables the supervision of multiple lines in parallel – a clear step towards the “Smart Factory”. Manufacturers benefit from consistent productivity, increased equipment availability and reduced labour costs.

HSH 18 – Automated loading of smoke trolleys with heavy sausages

At IFFA, Poly-clip System presents the HSH 18 (Heavy Sausage Handling), an innovative solution for fully automated horizontal loading of smoke trolleys with heavy sausages. The HSH 18 can be positioned downstream of automatic double clippers from the ICA or FCA series. It reliably processes sausages with diameters from 80 to

Press release

250 mm, lengths up to 1,200 mm and weights of up to 18 kg. A camera-based measuring system identifies various smoke trolleys and loads them with precision. Sausages are placed into the trolley via a linear conveyor system and a cam-controlled loading fork. An integrated buffer belt ensures continuous product flow even during trolley changeovers. The HSH 18 not only significantly reduces the physical strain on operators, but also increases production safety and efficiency. "The HSH 18 recognises different types of smoke trolleys, including those already in use at customer facilities. With this development, we've taken into account the real-world production conditions of our customers, who won't need to invest in new trolleys for this automation step," explains Dr. Alexander Giehl, CEO at Poly-clip System.

Poly-LogBot® – Intelligent transport robot for seamless automation

Under the name "Poly-LogBot® powered by Sherpa", Poly-clip System presents a world first at IFFA 2025: the first splash-resistant transport robot specifically designed for the food industry. The Poly-LogBot® fully automatically connects two production stations. It is easily integrated into production workflows, for example to pick up, transport and swap crates. It meets the highest hygiene standards and operates reliably even under demanding conditions, such as in wet areas. This smart robot combines intelligent robotics with food-grade engineering and will be demonstrated live at the trade fair.

FCHM-MB – Efficient clipping, loop application and precise hanging in one system

Another trade fair highlight from Poly-clip System is the FCHM-MB – a compact, cost-efficient all-in-one solution for automatic clipping, loop application and precise hanging. Designed especially for medium and small production volumes, it combines three process steps in one system – without the need for additional machines such as a double clipper. It impresses with easy operation, precise loop control and flexible recipe management. Its robust stainless steel construction in hygienic design enables easy cleaning, making it ideal for modern production environments. "The FCHM-MB achieves up to 40 loops per minute for smaller product diameters of 35 to 65 mm and reduces personnel requirements by up to 20 per cent. It meets our customers' highest expectations for efficiency and cost-effectiveness," says Dr. Alexander Giehl.

Amount of text: 4.464 characters with spaces

Press release

About Poly-clip System

Poly-clip System is the world's largest provider of sustainable clip closure solutions and is recognized as a global market leader and hidden champion in this segment of the food industry and packaging sector. The corporate group maintains 29 sales offices. Additionally, there are sales partners in nearly every country worldwide. Poly-clip System's clip closure solutions excel not only in the meat processing industry and butcher trade but also in numerous other sectors, such as the chemical industry. Current [news](#) about Poly-clip System can be found in the press section of the website.

Poly-clip System GmbH & Co. KG

Press and public relations

Linda Halter

Telephon: +49 6190 8886-277

Niedeckerstraße 1

D-65795 Hattersheim a. M.

Telephon: +49 6190 8886-200

Telefax: +49 6190 8886-15347

E-mail: presse@polyclip.de

Internet: www.polyclip.com

Press release

Bildmaterial: Copyright Poly-clip System GmbH & Co. KG



Automatic Casing Loading (ADNL) – Efficiency boost for sausage production



HSH 18 – Automated loading of smoke trolleys with heavy sausages



FCHM-MB – Efficient clipping, loop application and precise hanging in one system

Press release



Dr. Alexander Giehl, CEO, Poly-clip System