

Uncompromising quality: SMARTFLEX evo for Latin America

Sankt Augustin, April 2026. At interzum bogota, the leading trade fair for the furniture and wood-working industry in Colombia and the Andean countries, Hennecke PUR Solutions will present its portfolio for continuous slabstock production from May 12 to 15, 2026. At booth G2903D in halls 18–23, the offering is specifically targeted at furniture and mattress manufacturers in Latin America who, amid rising cost consciousness, rely on proven high-pressure technology. In a global economic environment where investment decisions are increasingly evaluated in terms of efficiency and rapid return on investment, Hennecke PUR Solutions provides a clear answer at interzum bogota: the highest quality at an unbeatable price.

“The SMARTFLEX evo bridges the gap between the JFLEX evo and the high-performance MULTIFLEX, offering a solution that provides comfort foam producers with an economically attractive entry point into larger production volumes.”

LARS BAUMANN, SALES MANAGER SLABSTOCK, HENNECKE PUR SOLUTIONS

SMARTFLEX evo: efficient access to industrial comfort foam production.

The focus of the trade show presentation is the SMARTFLEX evo continuous slabstock plant system. It has been consistently tailored to the requirements of comfort foam production — particularly for mattresses and upholstered furniture — and complements the portfolio between the JFLEX evo and the MULTIFLEX. A high degree of standardization and a modular, space-saving design significantly reduce investment costs compared to comparable systems, without compromising on quality or process reliability. The absence of a traditional gantry reduces the overall height and facilitates integration into facilities with limited ceiling height. Short delivery times and rapid commissioning are also ensured by the modular design. The SMARTFLEX evo enables the processing of up to eight polyols, three isocyanates, and 24 additives. Standard features include SMARTJECTOR injection units and manually tiltable side walls, as well as a FLAT-TOP system for a nearly rectangular block shape, which reduces waste and improves raw material yield. Intuitive control is provided by the innovative FOAMWARE Slabstock, which combines process monitoring, remote maintenance, and comprehensive production data management.

Proven high-pressure technology for maximum cost-effectiveness

Despite the extremely attractive entry-level price, a key feature of Hennecke technology remains: efficient high-pressure metering, which ensures optimal raw material utilization and excellent foam quality, and saves up to four percent isocyanate compared to low-pressure systems. In combination with the Indirect Liquid Laydown process and the MIXGUIDE deflection plate, a homogeneous foam reaction is achieved across the entire foaming width; waste during recipe changes is effectively avoided. Added to this is the proven durability of Hennecke systems: What may appear at first glance to be a higher investment pays off many times over in daily operation and throughout the entire machine lifecycle.

Furthermore, the SMARTFLEX evo can be equipped with the NOVAFLEX process. As traditional blowing agents such as methylene chloride are increasingly regulated by environmental regulations in more and more regions, NOVAFLEX enables the legally compliant production of slabstock foam using liquid CO₂. For export-oriented producers in Latin America, this add-on offers a concrete advantage in accessing international markets.

JFLEX evo: professional slabstock production in the smallest of spaces

For producers with smaller volumes planning to make the transition from batch to continuous production, Hennecke PUR Solutions is also presenting the JFLEX evo in Bogotá. The system stands out above all for its ultra-compact footprint: with a system length of just twelve meters and a width of 4.5 meters, the footprint is only around 54 square meters. This allows even companies with limited plant floor space to benefit from the advantages of continuous slabstock production. The continuously adjustable foam width between 1,550 and 2,300 mm, along with the standard FLAT-TOP system, ensures uniformly shaped foam blocks and maximum raw material efficiency.

Retrofit and Service: Investment Protection Throughout the Entire Machine Lifecycle

Hennecke PUR Solutions sees itself as a long-term partner to its customers. At its booth in Bogotá, the team will therefore also be providing information about the 360°RETROFIT portfolio, which enables existing production facilities to increase their efficiency and service life through targeted upgrades. Trade visitors are invited to visit booth G2903D in Halls 18–23 for one-on-one discussions with Hennecke's PUR experts on site.

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Hennecke PUR Solutions is a leading global supplier of machines, equipment, and system solutions for the processing of polyurethane and reactive plastics and has stood for technological innovation and efficient, sustainable production solutions for over 80 years. Since 2026, the company has been part of the Brückner Group, which combines global technological leadership with local customer focus.

The Brückner Group is a family-owned company that has achieved global success through technological market leadership. As strong and distinct management companies, —**Brückner Maschinenbau, Brückner Servtec, Hennecke PUR Solutions, Kiefel, and PackSys Global**—stand for specialized solutions and unique synergies. With a global presence and local commitment, the group offers its customers and partners excellent service, innovative technologies, and sustainable relationships.