THE APPAREL TIMES
TEXTILE • APPAREL • TECHNOLOGY

GROZ-BECKERT TO SHOWCASE TEXTILE TECHNOLOGY INNOVATIONS

Six product areas take centre stage at ITMA ASIA + CITME 2026

DATES	VENUE	BOOTH
20–24 November 2026	National Exhibition and Convention Center, Shanghai	Hall 4.1 • D41

Albstadt / Shanghai: Groz-Beckert will present a broad portfolio of product highlights and technical innovations at ITMA ASIA + CITME 2026, taking place from 20 to 24 November at the National Exhibition and Convention Center in Shanghai. Visitors can explore developments across Knitting, Weaving, Nonwovens, Sewing, Tufting and Spinning at Hall 4.1, Booth D41. The showcase reflects the company's focus on precision components, process reliability, operational efficiency and application-specific solutions for textile manufacturing.

FROM NEEDLES AND LOOMS TO CARDING AND TUFTING

A six-segment technology showcase for the evolving needs of the global textile industry.

Knitting: precision for demanding fabrics

In circular knitting, the LCmax™ energy-saving needle is a key highlight. Its wave-shaped shank geometry is designed to reduce friction and support energy-efficient operation, while also offering easy handling. In flat knitting, the SAN™ TT is developed for particularly tight loops and applications such as technical and medical textiles. The SAN™ FY is engineered to process uneven effect yarns while maintaining a clean fabric appearance, including in intricate designs.



LCmax™: wave-shaped shank geometry for energy-efficient circular knitting.

A collaboration with SINOTEX will demonstrate fine-gauge possibilities through a knitted collar produced with the spring-loaded latch needle Vosa Spec. 89.50-45 G016. The application highlights the production of finer fabrics and tighter stitch loops for premium collars and sweater components. For legwear, the durable dur™ needles are designed for sock and fine-h hosiery machines where precision and load resistance are essential. In warp knitting, the patented compound needle Spec. 51/43.36 G 101 features a reinforced plastic part and tight tolerances to support stability and uniform fabric quality.



Compound needle Spec. 51/43.36 G 101 for fine-gauge elastic fabrics.



Vosa Spec. 89.50-45 G016: fine-gauge knitting for collars and sweater components.

Alongside its product portfolio, Groz-Beckert will introduce an AI-powered WeChat chatbot for Knitting customers in China. The service is designed to provide product information and respond to product and price enquiries through natural-language interaction.

Weaving: solutions for advanced yarns and fabrics

The Weaving product area will focus particularly on printed circuit board (PCB) and glass-fibre weaving. As finer yarns and increasingly sophisticated electronic fabrics place greater demands on process stability and fabric quality, Groz-Beckert will present solutions spanning weaving preparation equipment and yarn-guiding elements, including drop wires, healds and reeds.

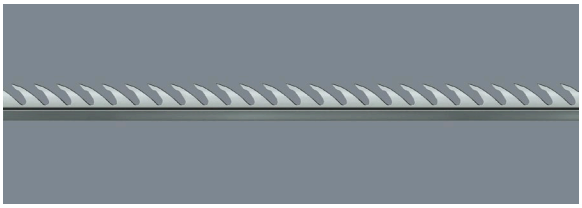
Drop wire: part of the yarn-guiding portfolio for demanding weaving applications.

Nonwovens: improving efficiency in needling and carding

In Nonwovens, Groz-Beckert will feature its Litespeed™ felting needle, designed to reduce insertion and removal times, simplify handling and improve operational efficiency. The newly developed CB-Barb felting needle will also be presented. For nonwovens carding, the company is introducing a specialised Mounting Service, while SiroLock™ plus wires from the InLine card clothing family complete the display. The solutions are intended to deliver precision, performance and reliability throughout the carding process.



CB-Barb felting needle.



SiroLock™ plus wires from the Groz-Beckert InLine card clothing family.

Sewing: specialised needles for challenging materials

The Sewing display will focus on SAN™ special-application needles. SAN™ 5.2, with enhanced stability and reliable loop pick-up, is suited to technical textile applications such as airbags. SAN™ 6 is designed to support process reliability when sewing woven materials such as denim. Both variants use GEBEDUR™ coating to help protect against wear, particularly around the needle point. The slim SAN™ 10 and slimmer SAN™ 10 XS are intended for extremely fine materials, with a focus on minimising material damage.



Litespeed™ sewing needle: geometry designed for heat-intensive sewing applications.

Another highlight is the Litespeed™ needle for heat-intensive sewing operations, including high-speed sewing and the processing of dense or multi-layer materials. Its special geometry is designed to support a stable sewing process. The company will also present its “Groz-Beckert Sewing” video series and the interactive Needle Finder, available through the Sewing Customer Portal, to help users identify suitable needles for different seams and applications.

Tufting: coordinated Gauge Part system

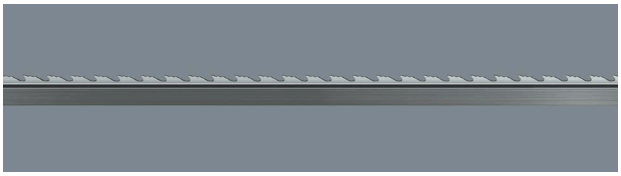
For tufted floor coverings such as carpets, bath mats and artificial turf, Groz-Beckert will present its established Gauge Part system. The coordinated selection of materials and the functional interaction of the individual components are designed to support reliable results in the tufting process.



Gauge Part system for the production of tufted floor coverings.

Spinning: longer service life and enhanced carding performance

For the spinning sector, the company is introducing an energy-saving, maintenance-free cylinder wire with increased service life, higher card output and lower maintenance costs. Further developments will also be shown in stationary flats and revolving tops. High-PPSI revolving tops are designed for processing fine yarns, while a specialised tops technology has been developed for the latest card models. Stationary flats feature a new profile and wire designs intended to improve overall carding performance.



Cylinder maintenance-free (CMF) wire for spinning applications.

A wider digital and service offering

Beyond the product demonstrations, the showcase includes digital support for customers. The new AI-powered WeChat chatbot is intended to make product information and enquiries more accessible to Knitting customers in China. In Sewing, the Needle Finder and application-focused video content provide practical guidance for selecting industrial sewing needles.

About Groz-Beckert

Groz-Beckert develops and manufactures industrial machine needles, precision parts and fine tools for the production and joining of textile fabrics. Its portfolio is complemented by matching systems and services, with products used in knitting, nonwovens, tufting, sewing and spinning. Groz-Beckert is part of the Groz-Beckert Group, which also comprises TKM and solidian. The group reported sales of €839 million in 2024 and had around 9,400 employees worldwide. It operates in more than 150 countries through agencies, production facilities and sales subsidiaries.

MEET GROZ-BECKERT AT ITMA ASIA + CITME 2026

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Source: Groz-Beckert press release dated 2 November 2026. Product descriptions are based on the information supplied by the company.