

Experience Groz-Beckert in person and virtually at ITMA Asia 2021

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Albstadt, Germany / Shanghai, China: The 7th ITMA Asia + CITME takes place from 12–16 June 2021 in Shanghai, China. Groz-Beckert presents the new products from all six product areas. The products are presented both physically as exhibits and in extended form via augmented reality. Groz-Beckert welcomes guests on-site at the National Exhibition and Convention Center in Hall 4, Booth C31. In addition to the face-to-face event, the company is inviting industry visitors to its virtual booth.

In 2021, around 1,650 exhibitors from 24 countries are expected at the 7th edition of ITMA Asia + CITME. Groz-Beckert is offering all visitors who cannot travel to the trade fair the opportunity to visit their **virtual booth**. It matches the original booth and has a three-dimensional design. The company has developed the digital service especially for the trade fair. Visitors can move through the virtual space alone or together with a Groz-Beckert employee and view all exhibits in 3D. Free registration is required to attend the digital trade fair, which is possible approximately two weeks before the start of the trade fair. Further information can be found on the Groz-Beckert website and in the newsletter.

The **Knitting product area** will be presenting several product innovations at ITMA Asia: The SANTM SF staple fiber needle and the SNK SF staple fiber sinker, which is specially designed for use on large diameter circular knitting machines. The durTM needle, which is particularly suitable for high loads on sock machines thanks to its optimized geometries. The SANTM TT for application-specific use in the field of technical textiles for flat knitting machines and a needle that enables new dimensions of fineness to be achieved in the flat knitting area. Groz-Beckert will also be demonstrating its relevance as a system provider in the area of warp knitting at ITMA Asia. The warp knitting machine needles and system parts from Groz-Beckert are precisely matched to each other and achieve an even and error-free warp knitting process. Augmented reality provides deeper insights into the interaction of the individual system components.

With the new WarpMasterPlus, the **Weaving product area** will be presenting an optimal solution for every weaving mill. All properties of the proven WarpMaster concept are illustrated in detail using a 3D model and augmented reality. The miniature weaving mill illustrates the interaction of all products in the area: from cleaning machines and weaving accessories to the KnotMaster.

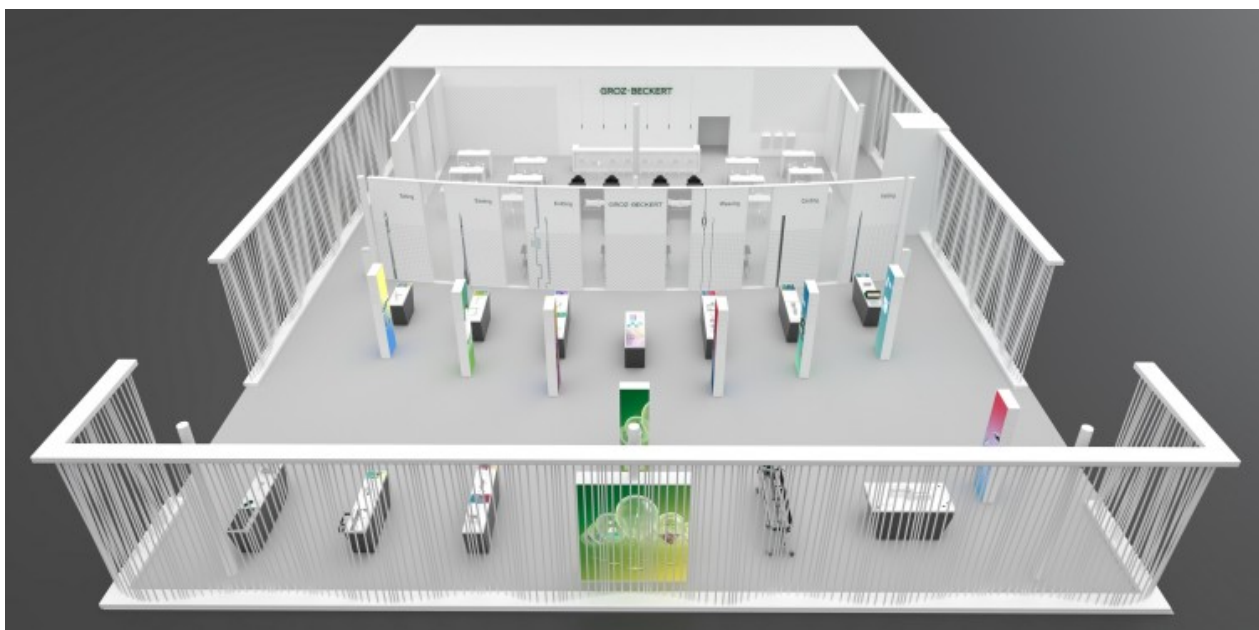
The patented GEBECON® felting needle is one of the highlights of the **Felting product area**, which can be viewed in detail thanks to augmented reality. It offers an improved surface quality and optimized bending resistance. Know-how protection and

improved needle logistics are just two of the numerous advantages of the customer product that the area will be highlighting for customers at the booth.

Visitors to the **Tufting product area**, will discover the measurable advantages achieved during the production of tufted floor coverings using the Groz-Beckert Tufting Gauge Part Systems. Coordinated combination of materials and the functional interaction of all tools ensure the quality and economic results of the tufting process.

The **Carding product area** will be presenting its further developments for the spinning industry. These include the new stationary flat series, the TV56 revolving top and the cylinder card clothing with special tooth geometry. The new stationary flat series is distinguished by an innovative tooth geometry and a new kind of tooth distribution. The new TV56 revolving top features a new setting pattern and 560 points per square inch, making it particularly easy to clean. The improved cylinder card clothing impresses with its special and patented tooth shape, which has a positive effect on maintenance. This makes it particularly well suited for quality-oriented cotton spinning companies that produce high-quality yarns.

In the **Sewing** exhibition area, the focus is on technical textiles – especially in the manufacture of car seats. The SAN® 5.2 special application needle from Groz-Beckert is the answer to high demands when sewing car seats. The special geometry gives it sufficient stability. The double groove in the point area improves thread guidance and leads to an even seam pattern, especially in multi-directional sewing processes. The scarf chamfers on both sides of the needle prevent skipped stitches and optimize loop formation. The GEBEDUR® titanium nitride coating increases wear protection. The Sewing customer portal is another digital service on offer. The specialist area is presenting its functions and content.



About Groz-Beckert

Groz-Beckert is the world's leading provider of industrial machine needles, precision parts and fine tools as well as systems and services for the production and joining of textile fabrics. The products and services support the fields of knitting, weaving, felting, tufting, carding and sewing. The family-owned company, founded in 1852, employed around 9,000 people and generated a turnover of €618 Mio. in 2020. Groz-Beckert operates with agencies, production and distribution subsidiaries in more than 150 countries around the world.

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