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## LATEST INNOVATIONS FROM GROZ-BECKERT AT ITMA

On June 8, 2023, the leading international trade fair for textile machinery "ITMA" started in Milan, Italy. It takes place at the Fiera Milano Rho and runs until June 14, 2023. Groz-Beckert presents the innovations of its six product areas - Knitting, Weaving, Felting, Tufting, Carding and Sewing - in Hall 2, Booth D101.

The Knitting product area is showing the novelties of its four product groups Circular Knitting, Flat Knitting, Legwear and Warp Knitting. The Circular Knitting product group is presenting two new knitting systems and a new compound needle, developed together with cooperation partners, as well as optimized precision needles, system parts and cylinders.

One of the new knitting systems is the innovative LCmax™ circular knitting machine needle in combination with the newly developed sinker SNK-SF.



The LCmax™ features a completely new, wave-shaped shank geometry. The use of the needle reduces energy costs in the knitting process through minimal power consumption and reduced machine temperatures. Compared to a standard needle, up to 20% of energy consumption can be saved by using the LCmax™. But already the production of the needle is characterized by a reduced CO2 footprint. At the same time, the LCmax™ enables utilization of the maximum machine speed and easy handling.



The new SNK-SF sinker also features significantly higher wear resistance. It also enables smoother running of the circular knitting machine and improved loop structure.

Together with the innovative sinker SNK DUO-OL, the new SAN™ DUO forms the second new knitting system from Groz-Beckert. Both the SAN™ DUO and the SAN™ DUO feature a particularly low shank with predetermined breaking groove. The low shank minimizes soiling in the knitting process with highly abrasive yarns. The predetermined breaking groove in turn enables controlled needle breakage in the event of wear at the desired point. This reduces errors in the knitting process as well as downtimes.

Another innovation is a new compound needle from Groz-Beckert for circular knitting machines.

With this needle variant, the closer is guided safely and precisely in the groove in the needle shank. At the same time, however, the base of the needle shank is worked in a closed manner, ensuring maximum stability. The compound needle reliably prevents latching and thus makes a decisive contribution to process reliability. Its use ensures a uniform and speed-independent loop structure, even at maximum speeds.

Under the motto "Innovation through cooperation", live presentations on the innovations of the circular knitting sector will be held at the exhibition booth. They highlight the successful cooperation with development partners.

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# PROFESSIONAL WASTE HANDLING SOLUTIONS BY STEINEMANN CVS

With its brand name "Steinemann CVS (Central Vacuum System)," ConVacc AG offers the best possible solution for cleaning spinning mills, weaving mills, finishing mills and other textile plants. The professional, economic all-in-one system enables efficient removal of dust, lint, fly, fluff and fibers from machinery and premises alike.

**The Steinemann Central Vacuum System combines years of experience with Swiss quality**

ConVacc has over 40 years of experience in producing and planning Central Vacuum Systems. During this time, the company has successfully acquired more than 550 projects worldwide. Thanks to its outstanding quality, the Steinemann CVS is also very robust and durable, requiring truly little maintenance. This in turn makes it an efficient solution, ensuring a fast ROI. The only way to achieve higher efficiency, better product quality and less wear and tear is through cleaning of machines and environment professionally and in an acceptable timely manner.

The customizable plug-and-play system can be integrated into any existing infrastructure or machine. Its uncomplicated design enables customers to install the tube network themselves. In short, the Central Vacuum System is a must in central waste disposal and logistics solution. A ConVacc System can help optimize your production.



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## **NEUENHAUSER GROUP DISPLAYS SERIES OF EXCITING TECHNOLOGY-INTENSIVE PRODUCTS AT ITMA**



The Textile Division of the Neuenhauser Group comprises the Neuenhauser Transport Automation and Winding Technology divisions as well as the activities of the companies Sohler-Neuenhauser, Scholze Germany, Genkinger, Neuenhauser Rosink and the newest group member, Neuenhauser Ontec. The individual companies focus on specific product and market segments and are among the international market leaders in their respective fields

The Neuenhauser Group has always attached great importance to continuous product and process innovations. The group companies are making a splash with a line-up of a series of products featuring state-of-the-art technologies at ITMA 2023.

In an exclusive chat, Jörg Neyer, Head of Neuenhauser Transport Automation, gave detailed insights into the company's product range, technology innovations and participation in ITMA and future plans.

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## **MS-JK GROUP SHOWCASES INNOVATION IN INKS AND DIGITAL PRINTING MACHINES**

Italy-based MS Printing Solutions and JK Group, owned by Dover Corporation, are renowned globally for their range of innovative inks as well as digital printers. Visitors from around the world can expect to find their latest product range at their booth in ITMA 2023

MS Printing Solutions and JK Group are brands where modern technologies allow to improve any aspect of textile printing, starting from performance up to the most important environmental issues. The versatility of these digital technologies also opens the way to different printed applications such as paper and plastic substrates.



Speaking exclusively to The Textile Magazine, Stefano Prando, Global Sales Director, said that the management was pleased with the company's performance in 2023. "It has been a huge year in terms of changes. Starting from April 1, 2023 we have revolutionised our organisational model by joining forces with another OPCO from Dover Corporation, Markem-Imaje," he said.

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## PHOTO-GALLERY



## FONG'S HIGHLIGHTS ADVANTAGES OF THEN SUPRATEC LTM IN HANDLING SENSITIVE FABRICS

At ITMA 2023 in Milan from June 8-14, Fong's Europe highlighted the proven advantages of the THEN Supratec LTM - a dyeing machine widely used across the industry for handling sensitive high elastic and delicate crease mark-sensitive synthetic fabrics.

The THEN Supratec LTM is designed in a long tube shape, with its Flexkier lifting device and winchless fabric transport providing efficient and high-quality dyeing results, while minimising water and energy consumption with liquor ratios of from 1:15 down to just 1:4.

It features a number of advanced patented technologies, such as a dry and wet mode by programmable kier slope variation during the process, to provide an outstanding low liquor ratio system for long tube machines.

The machine can be delivered tailor made with one or two nozzles to achieve full filling with acceptable fast turn times. This helps to reduce the amount of water and energy needed for the dyeing process while also reducing the overall processing time.

The Supratec LTM is suitable for the treatment of both woven and knitted fabrics ranging from the most sensitive articles to medium-weight materials within the weight range of 25 grams per linear metre (g/lm) to 600 g/lm, and operates at very low tension due to the extremely low lifting height between the variable nozzle and the plaited fabric.



Heat-setting can often be avoided, which improves the handle of the material and saves costs, and the lengthwise-elongation of the fabric being treated is lower than on winch-driven machines. Each kier has a capacity of up to 200kg, again depending on the fabric being treated, and operating speeds are from 80 up to 600 metres a minute.

The Supratec is also equipped with a range of features to ensure the safety of the machine operator and to prevent damage to the fabric being dyed. These include automatic dosing systems for chemicals and dyes, as well as

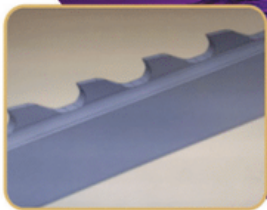
sensors for monitoring the temperature, pressure and pH levels of the dyeing process.

"Overall, the THEN Supratec is a highly advanced and efficient dyeing machine which is widely used in the textile industry for its high-quality results and low environmental impact," says Fong's Europe Director of Sales and Marketing Richard Fander. "Please visit us at stand B106 in Hall 18 this year in Milan where we will be happy to further outline all of the benefits of this technology."

Fong's Europe is a German company belonging to the CHTC Fong's Group and has specialised in textile machinery for more than 100 years.

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# INNOVATION IN CARD CLOTHING



Cylinder Wires



Doffer Wire



Tops



Accura Carding  
Elements



Card Clothing Range

## Introducing a new range:

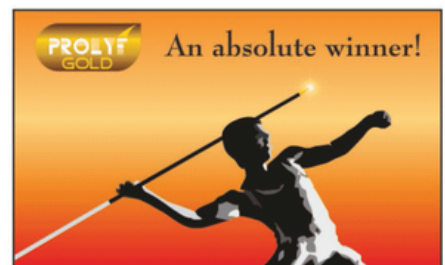
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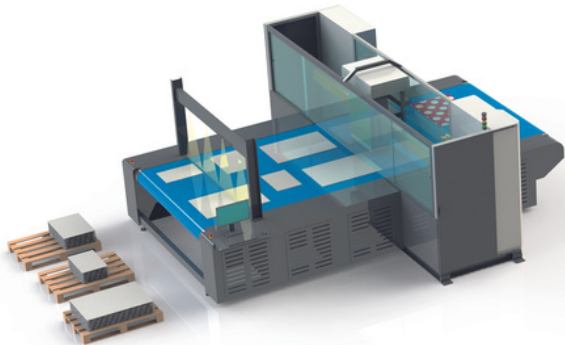
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## ZIMMER INTRODUCES LATEST INVENTIONS AT ITMA



ZIMMER AUSTRIA, the leading manufacturer of digital printing, screen printing, coating, steaming, and drying machinery presents at ITMA 2023 in Milan, Italy, to introduce some of their latest inventions. On a space of 400 m<sup>2</sup>, several exhibits will be presented including the latest COLARIS Digital inkjet printer with a Vision camera detection system and the STR System Wenk Rotary Screen Stripping and Ironing Machine. Both machines will be presented on live demonstrations.

Additionally, several models of coating and screen-printing lines, together with different rotary screen-printing heads and squeegee devices will be presented.

All exhibits will be complemented with a comprehensive set of coated and digitally printed textiles, such as technical textiles, military camouflage prints with IRR control, printed webbing, transportation fabrics, home textile and various carpet flooring products. ZIMMER AUSTRIA stands for manufacturing of high-quality machinery Made in Austria.

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## TEXPA BUILDS LEADERSHIP POSITION WITH HI-TECH SOLUTIONS FOR HOME TEXTILES

Known for its innovation focus, one of the company's most recent offerings is the fully automatic fitted sheet machine with incorporated folding unit

Texpa, a globally leading manufacturer of fully automated production lines for home textiles, has always been known for its strong innovation and technology focus. The company has through its quality product range made deep inroads into the Indian market in recent times. In an exclusive chat, Gerd Nasner, Vice President (Sales), Texpa sounded happy at the company's performance in 2022. "The year gone by was outstanding. Despite the difficult economic situation worldwide we saw a significant order increase not only from India but from other major markets in the world as well with the first big order from a customer on the west coast of Africa," he said.



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## VIDEO EXCLUSIVES



**THE  
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EXCLUSIVE INTERVIEW



ITMA 2023

**S. THIRUPATHI**  
MANAGING DIRECTOR  
INDO TEXNOLOGY

VISIT **INDO TEXNOLOGY**  
AT HALL 01 | BOOTH E311



**THE  
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EXCLUSIVE INTERVIEW



ITMA 2023

**S. JAYAPRAKASH**  
CHIEF EXECUTIVE  
VETRI ENGINEERS

VISIT **VETRI**  
AT HALL 01 | BOOTH E301



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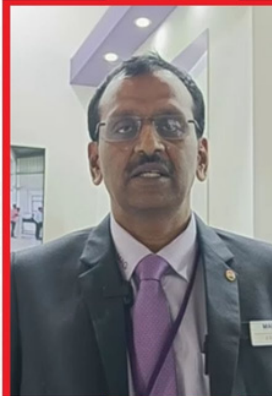
EXCLUSIVE INTERVIEW



ITMA 2023

**DHANDAYUTHAPANI**  
DIRECTOR  
MAG

VISIT **MAG**  
AT HALL 01 | BOOTH E211



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ITMA 2023

**VASANT TERWADKAR**  
VICE PRESIDENT - SALES  
(TERASPIN & SPINNING ACCESSORIES)

VISIT **TERASPIN**  
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