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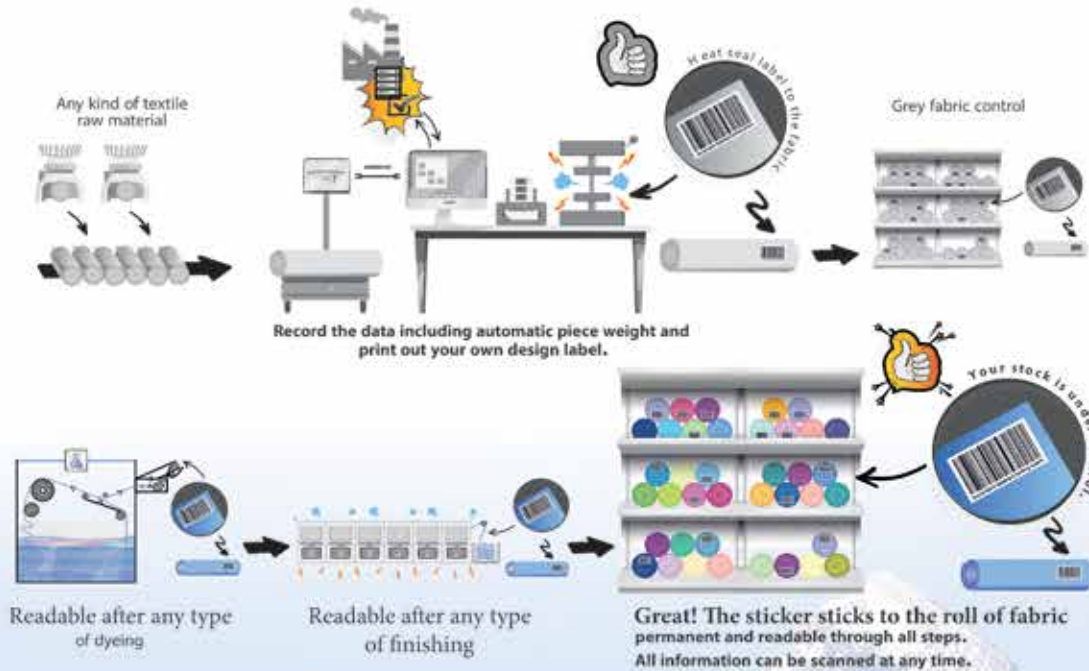
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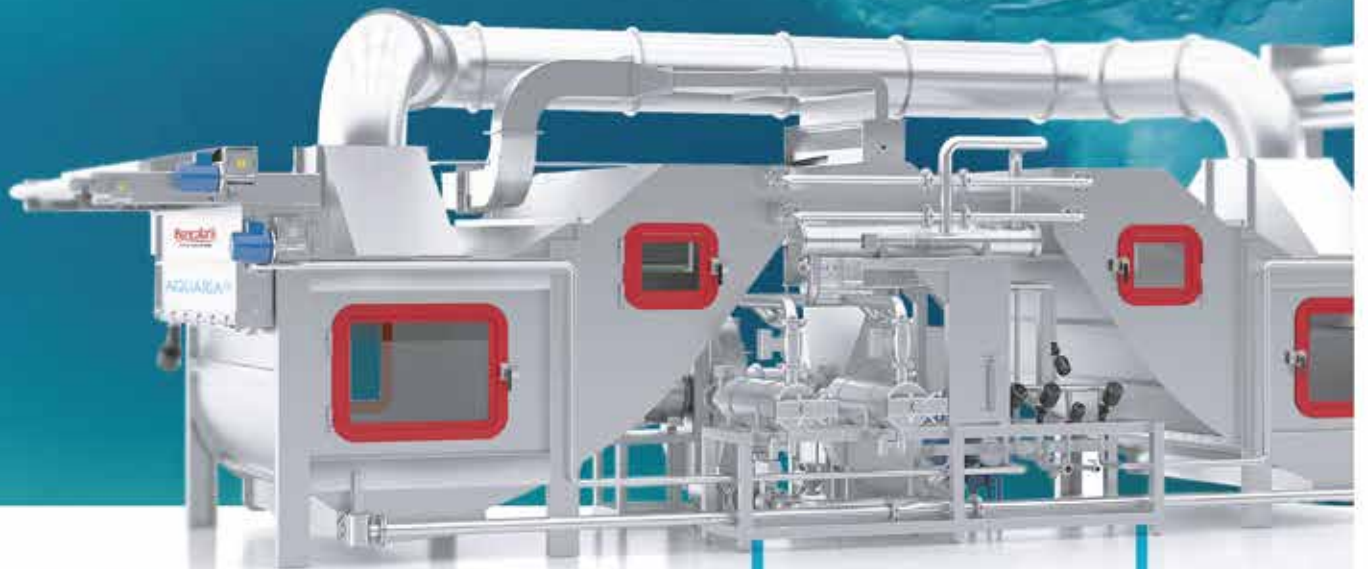
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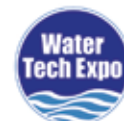


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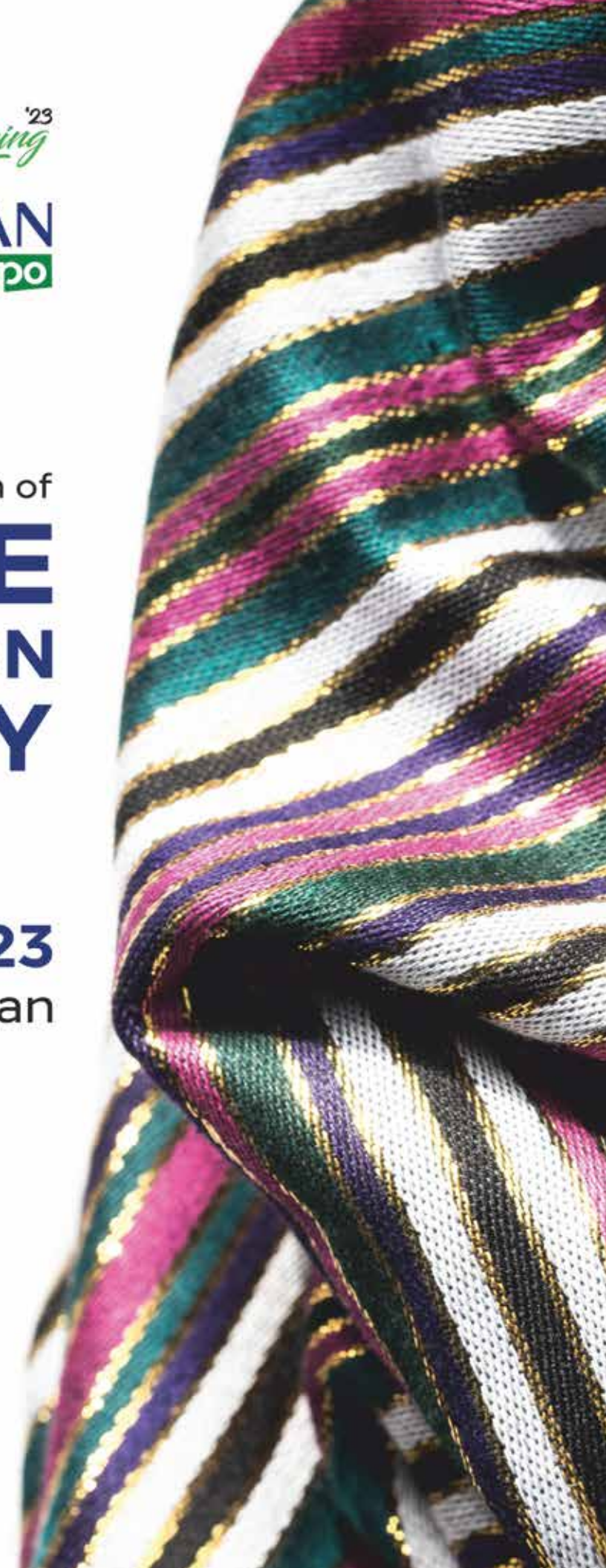
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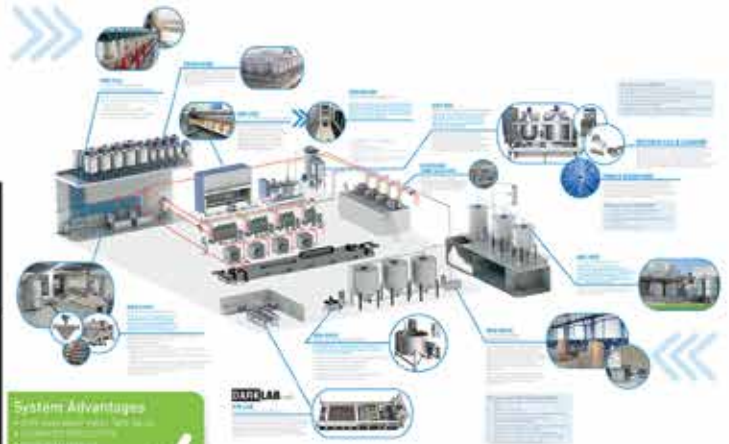
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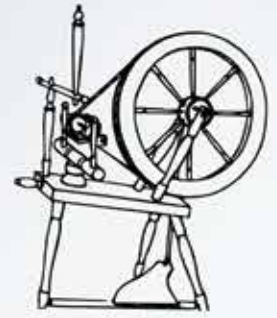
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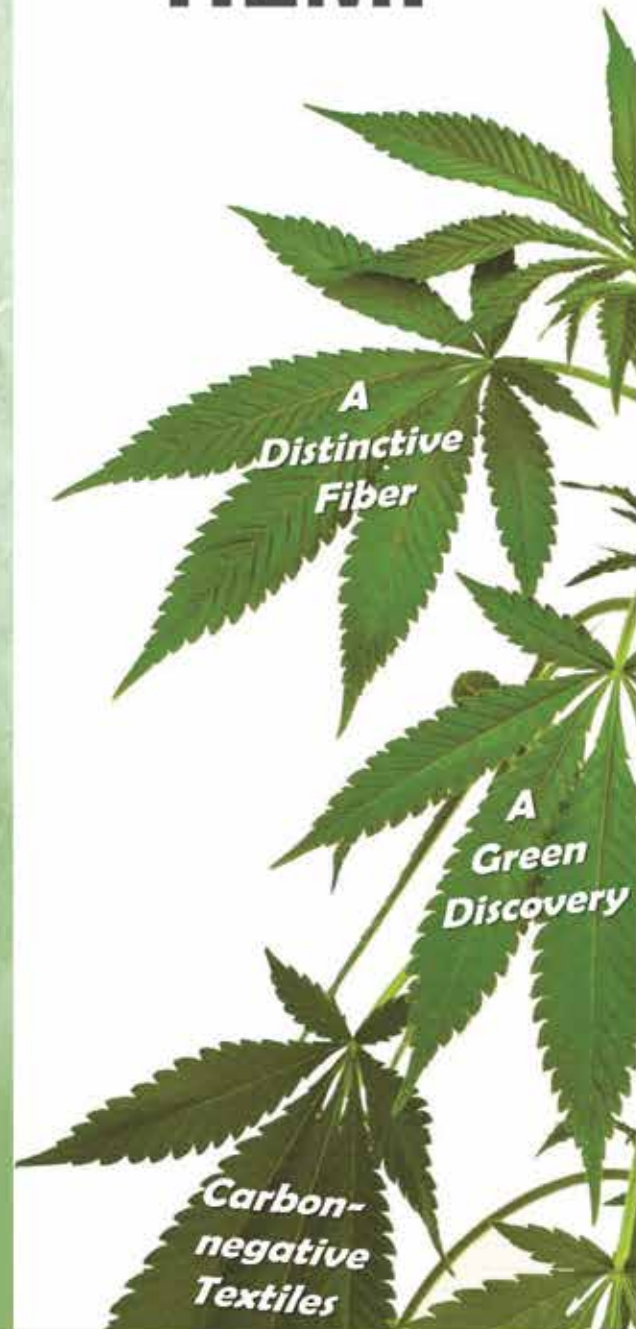
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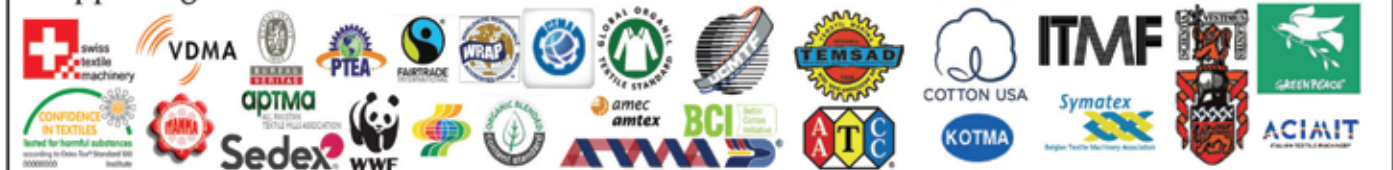
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INDIA ITME 2022

editorial

Dear Readers,

Welcome to our November Edition. The year is about to end the Textile Sector globally has not managed to come out of the global energy, inflations and political crisis but it's much better than the covid days, at least the commodities & freight charges are towards down wards trend.

Start December this year IGATEX Pakistan will open its doors after nearly three years at Lahore Expo Centre, Pakistan. Hundreds of international and local Textile & apparel companies are exhibiting at this show, the President of IGATEX Pakistan, Mr. Saleem Tanoli is very much optimistic for the success of this show.

Last month we witnessed Kingpins Amsterdam show, where many Denim producers from Pakistan, India, Bangladesh and other countries exhibited, was a very successful show of the season.

Pakistan is not the only country where the basic textile industry is under stress. The spinning and weaving mills in Bangladesh and India are also under similar pressures. The common factors being high energy and power costs and high cost of doing business.

The impact has also been felt by the value-added apparel sector in all these countries, but to a much lesser extent. In fact, apparel exports for all these countries have not yet gone negative but the growth has slowed down.

Going forward, the apparel sectors in all these three countries may end the year without any growth. That would mean no addition in jobs as the apparel sector is the largest employer in the manufacturing sector of Pakistan.

European demand for gas after supplies from Russia were cut off was filled by the gas producing countries of Asia. This resulted in high gas prices in all Asian economies.

Since spinners in Pakistan, Bangladesh and India produce power from gas, their costs have gone up sharply. For spinning and weaving industries, gas and power is the major input cost after cotton.

After that the investment dried to almost a trickle. In the last four years, according to the Pakistan Bureau of Statistics, the import of textile machinery was only \$2.41 billion, but a textile trade body claims that investment in the sector was to the tune of \$5 billion in the last two years. Even the \$2.41 billion investment was mostly

in basic textiles and a trickle in apparel sector machines. An investment of even \$2.41 billion in apparel machines would have taken Pakistan to new heights in textile exports.

India ITME 2022 shall be held in India Exposition Mart Ltd, Noida. The total number of halls will be 15 with a total area of 2,35,000 sq mtrs, making it the largest in this industry segment. This event is expected to host more than 1800 exhibitors in 22 Chapters and is expected to have over 1,50,000 visitors over the 6 days period.

For the past 15 years, Denim Première Vision has fueled, guided, and inspired the international denim community. These 30 seasons of innovation and inspiration will be celebrated this November 23 & 24 at a show encompassing business, fun and inspiration.

The show will present a selective offer from over 66 exhibitors, all leaders in the global creative denim industry, from 14 countries - including Italy, Japan, Spain, Turkey, Morocco, Bangladesh and Pakistan - to partner and support the development and creation of the spring summer 24 collections.

Bangladesh Denim EXPO is an International Denim Trade Show, the exhibition is a one-stop innovative sourcing platform in Bangladesh for the global denim industry.

The trade show celebrates and explores the world of denim, it's an exclusive event for only authorized trade visitors. Selective vendors can network, build contacts and meet others involved in the denim industry. Companies involved in sustainable solutions will also be present providing advice for protecting our people and the planet.

The thirteenth edition of the Bangladesh Denim Expo has created a huge uproar within the denim industry with both global and local visitors and exhibitors present to make it a huge success.



WASEEM J. KHAN
Editor-in-Chief

Austria's Lenzing tops Canopy's Hot Button Ranking 2022



Austria-based sustainable specialty fibre supplier Lenzing Group has achieved first place in the Hot Button Ranking of the Canadian non-profit organisation Canopy, thus confirming its leading role in the areas of sustainability and responsible wood and pulp sourcing. Lenzing can also once again celebrate a dark green shirt, synonymous with the highest category. In this ranking, which receives a lot of attention in the textile and apparel industry, Canopy evaluates the world's 34 largest producers of cellulosic fibres in terms of their sustainable wood and pulp sourcing, their efforts with regard to the

use of alternative raw materials, and their achievements in the protection of ancient and endangered forests, according to a press release by Lenzing.

Resource preservation is a key element of Lenzing's corporate strategy and at the core of its innovation agenda. The sustainable production of Tencel, Veocel, and Lenzing Ecovero branded specialty fibres is based on these principles.

"We are very pleased that the steps we are taking as the Lenzing Group to continuously improve and find solutions to the most pressing problems of our time are being seen and honoured," said Robert

van de Kerkhof, chief commercial officer fibre of the Lenzing Group. "We are working hard to make our industries even more sustainable and to drive the transformation of the textile business model from linear to circular. Further efforts from the entire industry are needed for this transformation to take place." Wood and the pulp derived from it are the most important raw materials for the sustainable production of cellulosic fibres from Lenzing. The Lenzing Group assumes responsibility by striving for sustainable procurement based on environmental certificates and responsible and efficient use of these valuable re-



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GLOBAL NEWS



Textile Times November Edition 2022

sources. Lenzing sources wood and dissolving pulp from sustainably managed forests and plantations and not from ancient, protected, or endangered forests.

Promoting the circular economy with its Refibra and Eco Cycle technologies, Lenzing offers solutions for transforming the textile and nonwovens industries towards a circular economy. In line with its vision for the circular economy, 'We give waste a new life. Every day,' Lenzing is driving the industry toward a full circular economy by striving to give waste a new life in all aspects of its

core business and developing circular solutions together with potential partners inside and outside the current value chain.

A milestone on this path is the cooperation with the Swedish pulp producer Sodra. The two global market leaders, who have been proactively promoting the circular economy in the fashion industry for many years, are joining forces to give the topic a further boost and make a decisive contribution to solving the global textile waste problem by making fibres from post-consumer textiles.

Today, Lenzing offers lyocell fibres

made from 30 per cent recycled cotton waste. The company aims to launch lyocell, modal, and viscose staple fibres with up to 50 per cent recycled post-consumer content on a commercial scale by 2025 and to develop a new circular business model by closing the loops for post-consumer waste.

By 2025, the company plans to enter into further partnerships with 25 key supply chain companies, which again highlights Lenzing's path in climate protection and the circular economy.

World Bank to host Global Shield Financing Facility for climate risks

09 Nov '22

The World Bank will host a new facility to help nations experiencing heavy economic loss due to disas-

ters induced by climate change, according to its president David Malpass, who recently announced the new instrument, the Global Shield

Financing Facility, at a meeting with German Chancellor Olaf Scholz at the UN Climate Change Conference in Sharm el-Sheikh.



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Germany will offer €170 million for the Global Shield programme, Scholz, who has spearheaded the effort among G7 members to start an initiative to offer vulnerable countries access to disaster risk finance and insurance, announced at the conference.

“We will also support those coun-

tries hit hardest by climate change in a targeted way in dealing with loss and damage,” Scholz was quoted as saying at the COP27 summit by global newswires.

Belgium committed €2.5 million to the facility for Mozambique from 2023 to 2028. The Belgian funding would focus on preventing and lim-

iting loss and damage, for example by mapping areas vulnerable to storm surges, and rolling out early warning systems. Cyclone Idai caused about \$1.4 billion in total damage and \$1.39 billion in losses in Mozambique in 2019, according to an assessment by the International Labour Organisation.

Study says Bangladesh can further increase exports to EU by US \$ 18 billion



Bangladesh can increase its exports to European Union (EU), which is a bloc of 27 nations, by another US \$ 18 billion from the current US \$ 23 billion.

This was maintained in a study carried out by the RAPID or Research and Policy Integration for Development with the cooperation of Friedrich-Ebert-Stiftung (FES) Bangladesh.

As per the study, over the past decades, the EU has emerged as an indispensable trade and development partner for Bangladesh and is by far the largest export market as almost half of Bangladesh’s merchandise exports are destined for the EU.

It may be mentioned here that Bangladesh’s combined exports to the EU and UK increased rapidly from

US \$ 2.5 billion in 2000-01 to US \$ 25 billion in 2021-21, thanks to the Everything But Arms (EBA) initiative, which has been designed to provide preferential duty-free and quota-free market access of goods originating from the least developed countries (LDCs).

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Egyptian Cotton Hub (ECH) joins ITMF as Corporate Member

ECH is a subsidiary company of the Cotton & Textile Industries Holding Company (CTIHC) – followed by the Ministry of Public Business Sector. Egypt's first public sector factories & companies were established in the 1920s. This then grew to a total of thirty-three factories. Each factory has a rich history and deep heritage, with more than a century of textile experience.

These factories have been merged into nine companies located across Egypt. ECH is the marketing and sales arm of CTIHC. The company manufacture a wide range of products covering everything from yarns to finished garments including medical cotton. Furthermore, it also owns two different brands NIT and MEHALLA to serve the wide range of customers with a variety of products.

The ITMF founded in 1904 is the international forum of the global textile value chain from fiber to

finished products. Its members are from textile and apparel-producing countries representing approximately 90% of global production.

“By joining ITMF, Egyptian Cotton Hub (ECH) will join associations and companies from around the world that are active along the entire textile value chain. In today's interconnected and fast-changing world ITMF's unique international platform helps producers of fibres, textiles, garments, home textiles, textile machines, or textile chemicals as well as other organizations and companies affiliated with the textile industry to connect with people and companies alike. Such an exposure to industry peers helps to better understand the underlying dynamics in the industry and identify both challenges and opportunities. On the other hand, ITMF and all ITMF members will benefit from ECH's unique expertise and experience both in Egypt and the

region as well as around the world. The ITMF Annual Conference 2022 which was held in September 2022 in Davos, Switzerland, proved once more the importance of in-person meetings”, stated Dr. Christian Schindler, Director General of ITMF. Mr. Khaled Raafat, Executive General Manager of Egyptian Cotton Hub, said that: “In the last 20 years the world has become ever more complex and intertwined. Despite all the very useful digital tools which have emerged during the pandemic, we have also realized how important personal relations are. The ITMF offers an extraordinary platform for companies from around the world to connect with and to learn from each other. In addition, ITMF produces a wide range of informative publications, statistics, and surveys that help companies to better navigate through the ups and downs. ECH looks forward to being an active partner of ITMF.”

Säntis Textiles joins ITMF as Corporate Member

Säntis Textiles is a family-owned and -run textile sourcing and supply company headquartered in Singapore that was established in 2005. It specializes in material, fiber, yarns, and fabric development and sourcing for the global garment and technical textiles market. Säntis Textiles has offices in Singapore, Switzerland, Turkey, China, Pakistan, Indonesia, Vietnam, Egypt, UK

and the USA.

In 2016, Säntis Textiles launched their proprietary technology RCO100, the world's first mechanical recycling machinery, designed with the forward-thinking customer in mind. With RCO100 the company is actively improving and strengthening the circular economy. Säntis Textiles is proud to be part of the <1% of mechanical textile-to-textile

recycling.

Founded in 1904 The ITMF is the international forum of the global textile value chain for producers of fiber to finished products. Its members are from textile and apparel-producing countries representing approximately 90% of global production.

Ms. Annabelle Hutter, Managing Director of Säntis Textiles AG (Swit-





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zerland), said that “the textile trade has transformed immensely in the past 20-30 years. Production of apparel and home textiles have moved to a large extent to Asia, new markets for circular as well as technical textiles have emerged or digital or environmental requirements and changes have reshaped the industry. What has not changed is the need to be connected personally with colleagues from the industry around the world. The ITMF is a special forum for industry representatives from around the world to meet and to discuss new ideas and solutions. In addition, ITMF offers its members information that help to better understand

the dynamics of the industry. Sântis Textiles appreciated attending the ITMF Annual Conference 2022 in Davos, where interesting topics were discussed and personal contacts could be strengthened.”

“By joining ITMF as a Corporate Member, Sântis Textiles becomes part of a unique international forum that brings together stakeholders from the entire global textile value chain. Meeting colleagues and friends from different segments in the value chain – producers of fibres, textiles, garments, home textiles, textile machinery, or textile chemicals as well as other organizations and companies affiliated with the textile industry – in

an environment of trust and with a spirit of collaboration, is fruitful and productive. A network of personal relations is precious, when it comes to understand and navigate through the complex global textile industry. ITMF and all ITMF members will benefit from Sântis Textiles’ unique expertise and experience in developing and sourcing textile products around the world. The ITMF Annual Conference 2022 which was held in September 2022 in Davos, Switzerland, had shown that personal relations are and will remain crucial in the textile industry”, stated Dr. Christian Schindler, Director General of ITMF.

Back on track: Heimtextil 2023 experiences strong international demand

Frankfurt am Main, September 2022. Planning for the next Heimtextil in January 2023 is in full swing. The industry expects an internationally unique platform for home and contract textiles, interior design and trends at the start of the 2023/24 season.

During the one-time Heimtextil Summer Special that just ended, the industry’s great need for personal encounters, tactile impressions and creative input became apparent. The next Heimtextil, leading international trade fair for home and contract textiles, will start the new season as the first event of the year from January 10 to 13, 2023.

Over 2,200 international exhibitors from 50 countries have registered for the event. The internationality of the event is also remains high. Among the participating compa-



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EXHIBITIONS & ASSOCIATIONS

nies are promising names from all over the world, such as ADVANSA Marketing GmbH (D), Alfred Apelt GmbH (D), Aznar Textil, SL (E), Es-senza Home (NL), Gul Ahmed Textile Mills Ltd. (PK), Lameirinho - Indústria Têxtil, S.A. (PT), Lenzing AG (A), Marburger Tapetenfabrik (D), Norvigroup Denmark A/S (DK), Microcotton Inc (US), OBB Oberbadi-sche Bettfedernfabrik GmbH (D), Standard Fiber LLC (US), Tanriverdi Mensucat San. A.S.(TR), Trendart (CH), Trevira GmbH (D), Trident Limited (IND), Velamen S.A. (E) or Zorel Tekstil (TR).

The industry participants are courageously meeting the major challenges and are using Heimtextil to further internationalize their clientele. Under the current market challenges, the industry shows a great desire for inspiration and new approaches to solutions, as well as for creating new customer relationships all over the world. Heimtextil 2023 provides the perfect range of relevant market players and complements the benefits for buyers with an extensive supporting program.

HIGHLIGHTS AT HEIMTEXTIL 2023

Thematically, the overarching theme of sustainability will also be clearly visible at Heimtextil 2023. With the exhibitor guide, "Green Directory" as well as the "Green Village", that offers a platform for discussion with the seal providers, Heimtextil offers important points of orientation in the jungle of the many sustainable offers. The popular trade fair tours "Green Tours" will also once again take interest-



ed visitors to curated exhibitors to learn more about their sustainability strategy and their products. Last but not least, the impressive "Future Materials Library" will be presented again as part of the Trend Space at Heimtextil 2023. The international collection of material innovations in the interior sector is curated by the future agency FranklinTill, which is also responsible for the conception of the Trend Space at Heimtextil 2023. The spectacular design and trend area will set the scene there for Heimtextil Trends 23/24, which will be developed beforehand by the international design offices stijlinstituut amsterdam (Netherlands), FranklinTill (Great Britain) and SPOTT Design & Business (Denmark).

Under the title "Textiles Matter", Heimtextil Trends 23/24 sets standards for the future-oriented and sustainable textile furnishings of tomorrow. The focus is particularly on the subject of the circular economy. By adding materials to a utilization cycle again and again, the need for new raw materials is reduced on the one hand and the production of waste on the other. In the technical cycle, inorganic materials, such as nylon, polyester, plastic and metal, can be recycled with no loss of quality. In the biological cycle, organic materials, such as linen and bast fibres, are returned to nature at the end of their useful life. This is the basis of the four trend themes: 'Make and Remake', 'Continuous', 'From Earth' and 'Nature Engineered'.

A new feature is that the Trend

Space will be presented in Hall 9.0. Circular economy also characterizes the staging of Heimtextil Trends 23/24 itself: With the "Material Manifesto", the responsible trend office FranklinTill commits itself to a design of the area that is as sustainable as possible with predominantly recycled materials and elements as well as a strict waste avoidance strategy.

Interior.Architecture.Hospitality, the specialist program for interior designers, architects and hospitality experts, will once again take place at Heimtextil 2023 on a large scale and in the usual high quality. The program includes the Interior.Architecture.Hospitality LECTURES, in which renowned architects and well-known hotel experts will present their work and discuss current industry topics such as sustainability, as well as the Interior.Architecture.Hospitality TOURS, which will take participants to curated highlights and innovative textile solutions from the contract sector. The Interior.Architecture.Hospitality DIRECTORY will once again list all the suppliers of contract textiles. In addition, the identification of the respective trade show booths ensures an effective trade show visit for the target group.

Another highlight is the Interior.Architecture.Hospitality LIBRARY. Launched in 2020, it is a material library for functional textiles. The library can also be found online at www.textile-library.de. A brand new edition will be published for Heimtextil 2023. The jury of the library will be expanded to include

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application experts or interior designers. Exhibitors with products for use in the property can submit them for the respective property, which will be selected by a panel of experts. The concrete naming and labeling of these 15 functional properties ensures an even more precise highlighting of the objects on offer in 2023.

DecoTeam, the community of interests of German home textile suppliers, is offering a far reaching event program as part of Heimtextil 2023. The focus will be on the topic

of online marketing, with keynote speeches by Monika Winden and a subsequent YouTube workshop. A panel discussion with interesting discussion partners will also provide exciting insights into the topics of sustainability and social media marketing.

With the Heimtextil Conference Sleep & More, visitors* in 2023 will again be offered a top-notch lecture program for the areas of health, sustainability and the hotel industry. Over the course of four days, experts will speak about the

latest findings, developments and trends in the field of healthy sleep from various perspectives of the industry.

With the "New & Next" program for young talents, young talents and start-up companies are given the opportunity to present themselves in the environment of the international industry. The fresh ideas and products of the New & Next exhibitors make a valuable contribution to the multi-faceted Heimtextil spectrum.

ISPO Award: International panel of judges chooses 16 win-ning products at its third meeting of the year

More than 40 innovative sport and outdoor products had made it into the final selection for the ISPO Award for the third quarter and were presented to an international panel of experts. Autonomous camping, digitization and individualization dominate the field of applicants. The trend to make products as sustainable as possible is also continuing.

At the two-day judging meeting for the ISPO Award in Garmisch-Partenkirchen, sports experts from three countries assessed the most innovative products and services of today and tomorrow. It showed that creative and inventive thinking continue to be in high demand. A broad range of ideas and sustainable approaches were presented and assessed, from an app to optimize individual performance and innovative recycling concepts to completely newly developed sports products. "What particularly impressed me at this third judging meeting of the year was the diversity of the products and digital services submitted," says Andi

Spies, editor at large at ISPO.com. "Everything was there, from highly specialized sports equipment to innovations that give a wide target group access to sport."

SELECTED AWARD WINNERS: INNOVATIONS

Wintersteiger has developed a fully automated Velobrush bike wash station that allows service workshops or bike rental stores to clean all types of bikes quickly, conveniently and, most of all, with reduced water consumption. Currex presented a new digital, AI-based solution for how consumers can find the right insole from the existing range based on personal details and a photo of their foot. As a result, it is possible to improve the

comfort of the sports shoes and minimize the risk of injury. These are just a couple of examples of innovative range of products.

SUSTAINABILITY AS A STABLE TREND IN SPORTS BUSINESS IN 2023

In view of the current situation in the energy sector, the products submitted for mobile solar power generation are more than in step with the times. Jackery's solar panel, for example, provides power no matter what the location, for self-sufficient travel. In the meantime, the megatrend of sustainability has become a permanent feature for a number of sports companies, and resonated with almost all the products. It is also continuing to take hold with

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hardware and many other innovative or enhanced products, and, for the first time, with digital services.

IMPRESSIVE ENHANCED PRODUCTS

Established products that had been significantly enhanced were also popular with the jury. Among them were the first hydration bladder system with magnetic closures from Fidlock, a high-performance headlamp from Silva with a powerful light output of 10,000 lumens, developed for fast action sports, or a bike pulling system from Kommit that also makes uphill cycling fun for children. And Safe-back & Bergans presented a new backpack that helps the wearer survive longer in an avalanche. Andi Spies: "With established products it was fascinating to see how product developers were able to specifically improve the performance of the sports equipment by changing small details or using new materials."

All ISPO Award winners at a glance

In the third quarter, the panel of judges gave the award to a total of 16 products which now bear the coveted title of "ISPO Award Winner 2022". Here's an over-view of the winners.

SPECIALIZED PANEL OF TECHNICAL EDITORS AND CONSUMER EXPERTS

In line with the new award concept, the panel of judges for the ISPO Award comprised two expert groups. The three ISPO experts, who also preselected the products for the judging meeting, included magazine maker and snowboard veteran Andi Spies, outdoor journalist and professor for sports journalism and digitization in sport Martina Wengenmeir, and textile expert and longstanding specialized journalist Regina Henkel. They were assisted by three sports enthusiasts and members of the ISPO Collaborators Club: Pedro Moutinho (shoe designer and biker from Portugal), Sebastiano Giampiccolo (multi-sportsman and enthusiastic mountaineer from Italy),

and David Stiehler, a multi-active mountain and outdoor sportsman from Garmisch-Partenkirchen.

THE NEXT JUDGING MEETING WILL BE HELD IN NOVEMBER

The ISPO Award panel of judges meets four times a year. Brands can enter their products for the award all year round. The award concept includes each winning product being presented in detail on ISPO.com, with the brand being able to determine the time of publication itself. In addition, the products are showcased in the Award Exhibition and the ISPO Award magazine at ISPO Munich or OutDoor by ISPO. Many of the previous winners will be presented at the ISPO Award Exhibition at ISPO Munich from November 28 to 30, 2022 in the Future Lab. The next judging meeting for the ISPO Award will be held in November. The registration figures for the fourth quarter are already very high, and more great products are expected.

BGMEA seeks cooperation from Germany for skill development



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The apex garment makers' body in Bangladesh, Bangladesh Garment Manufacturers and Exporters Association (BGMEA), has sought cooperation from Germany for the development of the country's (Bangladesh) apparel sector, especially in the realms of skill development and environmental sustainability.

As per reports, Faruque Hassan, the

President of the trade body made a call to this end during his recent meeting with German Parliamentary State Secretary to the Federal Ministry for Economic Cooperation and Development (BMZ) Bärbel Kofler.

During the discussion attended by the members of German parliament and senior German Government of-

ficials, the BGMEA chair reportedly underscored the need for intensifying cooperation and collaboration between the two countries to unlock trade and investment potential even as he also urged the European nation to take more garment products from Bangladesh.

36th International Cotton Conference Bremen 29 and 30 September Conference and Jubilee Inspire the Branch



“We can be proud of the result of our recent International Cotton Conference. It was accompanied this time by the celebrations of the 150 th birthday and, as another

highlight, a cotton exhibition at the Bremen Übersee-Museum. The conference originated from a meeting of laboratory managers for cotton quality testing in 1965

and has now developed into an important exchange platform for participants from the entire textile supply chain,” emphasises Stephanie Silber, President of the Bremen



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Cotton Exchange and Managing Director of the cotton trading company Otto Stadlander GmbH.

“The joint planning and implementation of the International Cotton Conference by the Bremen Fibre Institute and the Bremen Cotton Exchange has always been an example of how science and practice can complement and benefit from each other. This becomes clear once more in the compilation of the conference programme and the many expert meetings on the fringes of the conference,” says Prof. Dr. Axel Herrmann for the Bremen Fibre Institute (FIBRE).

THE CONFERENCE LOCATION

This time, the venue of the 36th International Cotton Conference Bremen was listed building of the Bremen Chamber of Commerce directly on the market square and in the vicinity of the Cotton Exchange. The Chamber of Commerce has represented the interests of Bremen’s trade since 1451, to which the Bremen Cotton Exchange Association has belonged since its foundation in 1872.

THE PROGRAMME

The International Cotton Conference was opened on the morning of September 29 with speeches by Stephanie Silber, President of the Bremen Cotton Exchange, by Prof. Dr. Axel Herrmann, Director of the Bremen Fibre Institute, and by the host, Eduard Dubbers-Albrecht, President of the Bremen Chamber of Commerce.

The programme of the International Cotton Conference consisted sessions with presentations in

attendance as well as sessions that were performed exclusively online. Almost 70 speakers added to the success of the conference with their contributions.

Each conference day started with keynotes in which personalities from the branch critically addressed challenges within the world economy and politics. They dealt with trends on the raw materials markets and with questions about the currently much discussed shortages in logistics, but also with the situation on the financial markets.

The speakers included Colin Iles, Executive Manager, Cotton & Sugar at the internationally operating commodities trader Glencore/Viterra, Nils Haupt, Head of Communications at Hapag-Lloyd AG, John Baffes, commodities expert at the World Bank, D.C., and Jörg de Vries-Hippen, Chief Investment Officer and member of the European Executive Committee of Alliance Global Investors.

SUSTAINABILITY AND CLIMATE PROTECTION

In the field of climate protection, the ability of the cotton plant to store carbon in the soil in a climate-neutral manner played a special role. The session illustrated the methods used in agriculture to improve the storage of carbon in the soil and the legal framework that enables the financing of investments in these methods. Life cycle assessment methods play an important role here in order to show the entire carbon footprint over the life of the product from the field to its disposal.

Circular Economy, Transparency and Traceability, Cotton Quality In addition, the conference dealt with processes of the circular economy, in which modern methods of textile recycling were the focus. The biodegradability of cotton also played a key role once more. The conference addressed questions of transparency and traceability within the supply chain and presented efficient, digitally managed control methods, e.g. by means of distributed ledger technology. Using isotope analysis, it could soon be possible to trace the origin of a cotton fibre harvested from the field back to a finished textile.

Innovative Products Made of Cotton

The discussion about new and innovative ways of processing cotton set new accents. It also addressed the need to advance supply chain technology in the apparel industry with digital design programmes for selecting cotton fabrics using 3D views. Also worth mentioning is the presentation by the internationally renowned Italian denim weaver Candiani, who has developed a blend of cotton and natural rubber yarns in his denim fabrics to create a stretch effect. The jeans fabrics produced this way are 100 percent biodegradable. To date, for this purpose elastane made of man-made fibres has primarily been used in fabrics.

IN FOCUS: EU COTTON TEXTILE INDUSTRY AND CLOTHING RETAIL

A special feature: on Friday, September 30, the conference highlighted the top quality cotton pro-



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duction within the European Union in the network of the highly specialised downstream textile and clothing industry under the headline "Region in Focus". During the online session, the opportunities for a stronger positioning and assertiveness of the sector in international competition were shown and discussed.

The total of 13 poster presentations also offered valuable additional inspiration, which increased the added value for the conference participants in Bremen. The posters usefully informed the visitors about relevant topics of the cotton economy sector.

Reason to Celebrate: 150 years of Bremen Cotton Exchange in the Conference Year

On September 24, 1872, 12 Bremen cotton traders decided to found the Bremen Cotton Exchange. Consequently, the Bremen Cotton Exchange can celebrate its 150th birthday this year. To set the mood

for the anniversary, a book entitled "150 Years of the Bremen Cotton Exchange – Cotton, Our World Since 1872" was already published in May this year, which illustrates the tasks of the association in the past, present and future and its position in the international market. On the evening of September 29, the Bremen Cotton Exchange invited to an anniversary party in the Bremen Übersee-Museum. The celebrations did not take place here without reason: At the same time, a large cotton exhibition entitled "100% Cotton" on the cultural history of the raw material was opened.

SESSIONS STILL ONLINE

All sessions of the conference were recorded and are accessible on the talque platform. Every participant in the conference – regardless of whether they attended in person or online – has got access and can use the platform to look up missed sessions and to contact speakers

or participants. The presentations provided by the speakers will soon be available on the website of the Bremen Cotton Exchange.

We report continuously and extensively on the International Cotton Conference in our media, such as the Bremen Cotton Report, the websites of Bremen Cotton Exchange and Fibre Institute, and via the social media channels Facebook, LinkedIn and Instagram. News and programme details are still available on the conference website: <https://cotton-conference-bremen.de/...>

We look forward to active reporting and are happy to support press representatives in selecting suitable discussion and interview partners. Inquiries will be processed as quickly as possible.

The 37th International Cotton Conference Bremen will take place in March 2024. The exact date is still to be announced.

European Union's policy initiatives for sustainable and circular textiles

The fast fashion market is expected to grow to US \$ 133.43 billion in 2026 at a CAGR of 7.7 percent. Even though the numbers are eye-catching, however, this rapid expansion is sure to have negative consequences such as emitting harmful effluents and damaging the environment.

The European Commission has finally acted on this increasing concern and has released strategies to

address the perils of the fast fashion industry earlier this year. The strategy covers key areas which when streamlined will make the production of fast fashion responsible and green. Additionally, it defines the way forward to achieve the environmental goals that are set for 2030.

Some of the strategies include the usage of smart product design and circular business models, in addi-

tion to imposing rules that enable the longevity of the textiles.

The other strategies include working around circulating business model that promotes durability and recyclability for textiles, as well as mandatory use of recycled fibres.

Furthermore, new rules will be subject to hazardous chemicals in textile products and will either require producers to minimise or even substitute them. The Eco-design for



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Sustainable Products Regulation has been proposed by the European Union, stating that this regulation will be binding for all manufacturers.

The strategy will also focus on phasing out microplastics and synthetic fibres as they produce the maxi-

mum threat to the environment.

The introduction of a digital product passport, an electronic tool that registers, processes and shares information about the product across all the stakeholders of the supply chain is also a great initiative by the Commission.

Additionally, the EU plans to work closely with manufacturers to reduce wastage and to completely ban the destruction of unsold textile products.

Denim Premiere Vision to be held in Milan on 23rd-24th November 2022

After its stint in Berlin last May, Denim Premiere Vision is all set to be held in Milan, Italy this year from 23rd – 24th November 2022. This year's edition, being held at Milan's Superstudio Più, will also mark the fifteenth anniversary of the event. The edition will feature around 70 international suppliers. More than

40 fabric suppliers and 15 manufacturers will be present, as well as accessory and supply specialists, yarn and fibre producers and other service providers.

The fair will feature a high number of non-European suppliers, around 40 in total, coming from Turkey, Morocco and Tunisia, as well as

from China, Pakistan, Japan, India, Bangladesh and South Korea. European production will be represented by Italian, Spanish and French companies.

Companies such as Rajby Textiles Pvt. Ltd, Tavex, Bossa, Isko, Velcorex, Tavec, Calik Denim, Kurabo, Kuroki, Pacific Jeans, Komet Metal

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and Tintes Egara are among those scheduled to attend.

The Denim Fashion District will feature a dozen apparel and accessories brands presenting a preview of Spring/Summer 2023 concepts

made in collaboration with the show's exhibitors. The Italian brands Jimmy jeans, Milena Andrade, Gallia Hen's Teeth and Stripes of Road, French company Revibe, British firm Denzilpatrick, Dutch company

EXHIBITIONS & ASSOCIATIONS

Intoxica and German brand Fade out Label will all be taking part in the event.

Conferences and speeches will be held over the two-day event. Aside from vendor presentations and panel discussions, professionals will have the opportunity to attend many seminars on denim trends for Spring/Summer 2024. Among the activities proposed, an exhibition by Cotone Organico Sicilia will promote Sicilian cotton, while the WP Lavoris in Corso group will exhibit a selection of pieces from its archives. La Tessitura La Colombina will be holding a workshop to teach visitors how to hand weave.

VDMA: Dr. Harald Weber new Managing Director of the Textile Machinery Association

Frankfurt am Main, 08. October 2022 – Dr. Harald Weber will become the new managing director of the VDMA Textile Machinery Association on 1 January 2023. The 44-year-old industrial engineer succeeds Thomas Waldmann, who has held the position since 1991 and will retire at the end of the year.

After completing his doctorate at the Technical University of Darmstadt and working as a lecturer at the University of Applied Sciences Mittelhessen (THM), Dr. Weber joined the VDMA in 2011. Since then, he has been responsible for the topics of technology and innovation in the Plastics and Rubber Machinery Association.

Dr. Janpeter Horn, Chairman of the VDMA Textile Machinery Association and Managing Director of August Herzog Maschinenfabrik, commented on the change of personnel: "From his previous work in the plastics industry, Dr. Weber has profound knowledge and experience in topics that are also gaining in importance in textile machinery manufacturing. Examples include recycling and the circular economy, as well as digitalisation and especially the communication standard OPC UA."

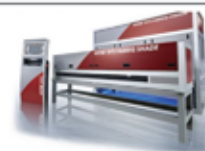
Dr. Horn added: "We combine our warm welcome to Dr. Weber with a big thank you to Thomas Waldmann. 30 years as managing direc-



tor at the Textile Machinery Asso-

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EXHIBITIONS & ASSOCIATIONS

ciation also stand for constantly changing framework conditions. Mr. Waldmann has always had his finger on the pulse of the industry and, together with his team, has represented the special interests



of the member companies: From technology policy to challenges of market access to the leading trade fair ITMA and the European association CEMATEX. ITMA 2007 in Munich was certainly a highlight. The

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executive board of the association wishes Mr. Waldmann all the best for the new phase of his life that is now beginning."

MUNICH FABRIC START moves forward

Die MUNICH FABRIC START GmbH is moving up the dates for its international fabric trade shows. From 2023, the summer editions of MUNICH FABRIC START, BLUEZONE, KEYHOUSE and THE SOURCE will take place in the second half of July. Next summer, VIEW will be held for the first time as a reVIEW concept on 5 and 6 September 2023 after MUNICH FABRIC START. The trade show dates for Spring.Summer 24 remain unchanged: VIEW (29 - 30 November 2022), MUNICH FABRIC START (24 - 26 January 2023), BLUEZONE and KEYHOUSE (24 - 25 January 2023).

Munich, 8 November 2022. Munich Fabric Start Exhibitions GmbH is securing a strategically important date in the second half of July from summer 2023 and is bringing its main events forward by six weeks. Specifically, UNICH FABRIC START will take place for the first time on its new date from Tuesday 18 to Thursday 20 July 2023. The location will remain the MOC Munich. BLUEZONE, KEYHOUSE and THE SOURCE on the Zenith grounds will be staged as two-day events (18 and 19 July 2023).

From summer 2023, VIEW will continue to take place twice a year, but with a new concept: for the first time as reVIEW Autumn.Winter 24/25 on 5 and 6 September 2023 after MUNICH FABRIC START from 18 - 20 July 2023 and once as preVIEW Spring.Summer 25 on 28 and 29 November 2023 before MUNICH FABRIC START in January 2024.

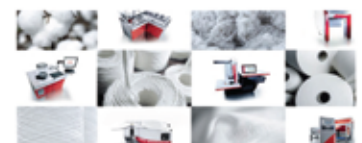
Another adjustment concerns THE SOURCE: after a successful first event last summer, this will go into the second round on 18 and 19 July 2023. In future, the new one-stop solution for holistic fashion sourcing will be organised as a once-a-year event as part of the summer editions of MUNICH FABRIC START and BLUEZONE. New is the supplementary format "THE SOURCE-Studio" during the January fair at MOC. KEYHOUSE as Hub for Future Textile Innovations will take place every two days in future and is thus adapted to the rhythm of BLUEZONE. BLUEZONE and the international denim community see great potential in this step.

The latest edition of the trade fairs organised by Munich Fabric Start Exhibitions GmbH from 30 August to 1 September 2022 not only celebrated the comeback of MUNICH FABRIC START and the international

denim trade show BLUEZONE after the covid-related adapted formats of the past seasons, but also marked the 50th anniversary of one of the most important European fabric fairs and leading business platform for the fashion and denim industry. The positive, motivated and ambitious mood of the trade fairs with inspiring novelties, innovative contents and future-oriented themes also transferred to the industry: a total of 900 exhibitors from 40 countries welcomed more than 14,000 visitors and showed around 1,500 collections on a total exhibition area of 45,000 square metres; around 2,500 square metres more compared to the last precovid edition in September 2019 and thus the largest event in its history.

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THE LYCRA COMPANY AND HEIQ INTRODUCE NEW LYCRA® NATURALFX™ TECHNOLOGY THAT OFFERS DURABLE COMFORT STRETCH AND FIT FOR 100% COTTON KNITWEAR

The LYCRA Company

The LYCRA Company, a global leader in developing innovative and sustainable fiber and technology solutions for the apparel and personal care industries, today announced the launch of LYCRA® naturalFX™ technology, a proprietary textile finishing process for 100% cotton knit garments designed for mass market applications. Developed in collaboration with HeiQ, an industry leader in performance finish technologies, this application is the latest example of both companies' ongoing efforts to bring more innovative and sustainable textile technologies to consumers worldwide.

LYCRA® naturalFX™ technology, powered by HeiQ, enhances cotton knitwear, addressing critical consumer pain points, and improving the consumer's overall wearing experience. This technology provides durable comfort stretch, fit, and soft hand-feel to 100% cotton knitwear compared to conventional finishes.

Even after repeated washing and wearing, LYCRA® naturalFX™ technology helps knitwear retain its shape, which helps extend the gar-

ment's lifespan and potentially reduce its environmental impact.

"LYCRA® naturalFX™ technology enhances the stretch and recovery properties of cotton knit fabrics and does so in a durable way with outstandingly soft hand," said Nicolas Banyols, chief commercial officer at The LYCRA Company. "This breakthrough innovation not only improves the performance of everyday 100% cotton knitwear but is easy for mills to implement as it requires no investment in new equipment. We value HeiQ's technical expertise and are excited to collaborate on the commercialization of this technology."

All knits that use LYCRA® naturalFX™ technology can be submitted to The LYCRA Company's labs for quality control testing to ensure all consumer benefits are delivered, including comfort stretch, breathability, and durable fit. New logos will feature both the LYCRA® and HeiQ brands and will be supported by customizable co-branded POS materials featuring the tagline, "In Sync with Nature's Rhythm," which are also available to brands

and retailers.

While The LYCRA Company is leading the commercialization of this technology, HeiQ will collaborate and support the introduction through their brand network as well as manufacturing and selling the finishing directly to textile mills, leveraging their established global technical services to deliver optimized performance.

"Combining The LYCRA Company's expertise in stretch fibers with HeiQ's renowned innovation in textile chemical finishing has resulted in a truly unique, added-value technology that offers enhanced performance to cotton knitwear," added Mike Mordente, head of the business unit textiles at HeiQ. "I am confident that LYCRA® naturalFX™ technology will open up a new generation of enhanced stretch and recovery garments with comfort and durability."



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IT WEAR Bast Fibre Technologies Inc. secures strategic investment from Ahlström Capital

Investment will create the world's largest specialty hemp fibre processing and purification company

Bast Fibre Technologies Inc. (BFT), the makers of sero™ hemp fibre, announced today that it has closed a major strategic financing with Ahlström Capital of Finland. BFT will immediately begin work to expand fibre manufacturing capacity at its US-flagship facility in Lumberton (NC) and its EU-facility near Düsseldorf (NRW).

This financing will enable BFT to produce over 10,000 metric tons of sero™ hemp fibre per year by 2023 and up to 50,000 metric tons per year by 2026.

"Nonwoven companies, converters, and leading consumer goods companies are looking for viable natural fibre options to achieve their corporate sustainability initiatives as they move away from synthetics," said Jim Posa, CEO of BFT.

"The market for natural fibres is set for rapid growth, and this highly strategic funding will help BFT to solidify its position and further accelerate its expansion to meet the increasing demand for tree-free, plastic-free fibres."

"As the nonwoven industry transitions away from plastics, we believe there will be exponential growth in the natural fibres market. As a responsible investor with a strategic, long-term mindset, we seek to invest in companies focused on solutions that help drive sustainable development. With a strong and experienced management team, BFT is well positioned to become a global leader in the production of sustainable bast fibres. We see sustainable value-creating opportunities in the company," comments

Lasse Heinonen, President and CEO of Ahlström Capital.

"Ahlström Capital has an excellent reputation for investing in cleantech companies offering sustainable solutions," said Noel Hall, BFT's Executive Board Chair. "It is important for us to work with an investor that shares our values and our vision of moving away from synthetic materials in nonwoven applications. Ahlström Capital has several complementary portfolio holdings in the nonwoven and sustainable fibre industries, making it both a natural fit and value-added investor for BFT. We are pleased to welcome Ahlström Capital's Investment Director, Andreas Ahlström, to BFT's board of directors."

CORDURA® Advanced Fabrics x BACH EQUIPMENT feiern den Launch von CORDURA® re/cor™ Recycled Nylon 6.6 (RN66) mit einer Limited Edition Tote Bag auf der ISPO Munich

Seit mehr als 40 Jahren arbeiten CORDURA® Advanced Fabrics und BACH EQUIPMENT gemeinsam an Produkten, die haltbar und langlebig sind. Das neuste gemeinsame Projekt der beiden Marken, eine limitierte Tote Bag von BACH mit CORDURA® re/cor™ RN66, wird

am Messestand von CORDURA® in Halle C2.234 auf der ISPO Munich (28.-30. November 2022), erstmals vorgestellt.

CORDURA® re/cor™ RN66 wurde erst zu Beginn dieses Jahres in den Markt eingeführt. Nun, weniger als ein Jahr später, wird mit der limitier-

ten Tote Bag von BACH bereits das erste Produkt einer europäischen Rucksack-Marke vorgestellt.

„Es ist uns sehr wichtig, unseren Brand- und Retail-Partnern fortwährend neue Ideen und Produkte zu präsentieren, denn Innovation ist der Kern dessen, was



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BACH Equipment booth Hall A3 - Stand 303 on Day 2 to pick up your sticker.

Each sticker has its own number. Wear your sticker all day, and then join
us in our booth for a Happy Hour, where we will be giving away 10 Limited
Edition BACH X CORDURA® backpacks as well as other giveaway items.

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DAY 2 | HAPPY HOUR

#001

HALL C2 - STAND 234 | AT 16:00

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DAY 2 | HAPPY HOUR

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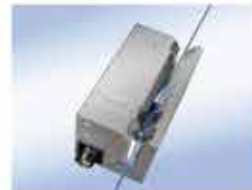
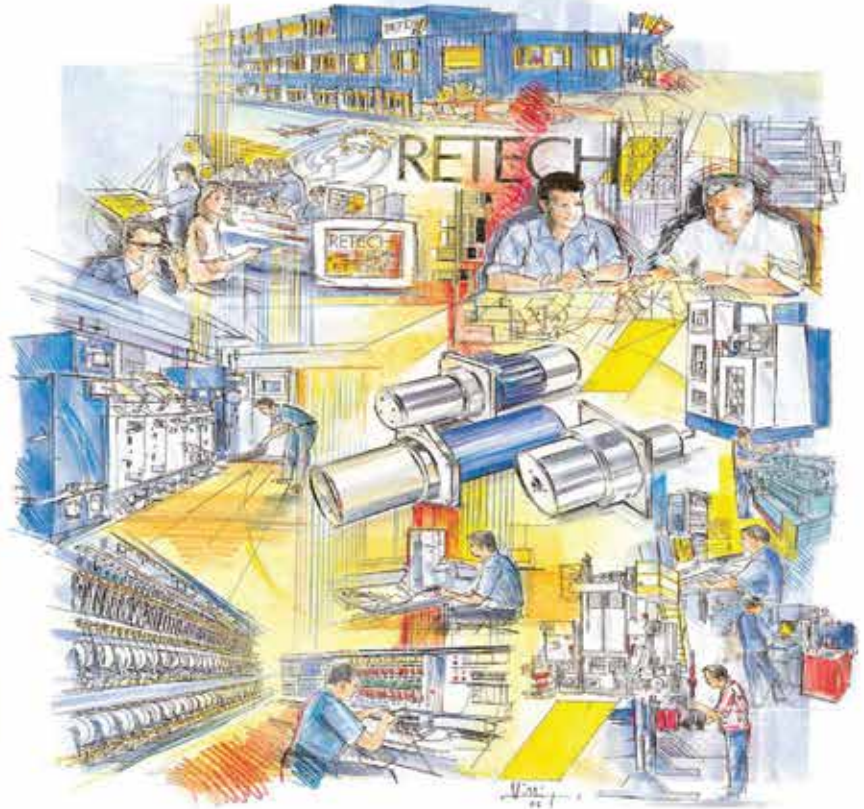
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CORDURA® wirklich ist. Die Zusammenarbeit mit dem herausragenden Designteam von BACH bei der Entwicklung einer langlebigen, zuverlässigen und ökoeffizienten Tasche der nächsten Generation mit CORDURA® re/cor™ RN66, war eine großartige Gelegenheit, das reiche Erbe, das uns verbindet, zu bündeln und unsere langjährige Historie mit BACH Equipment zu ehren“, sagt Malayka Erpen, Global Consumer Segment Leader CORDURA® Brand. Die limitierte Tote Bag mit CORDURA® re/cor™ RN66 ist aus 100 % Pre-Consumer Fasermaterial hergestellt, das zu 100 % GRS-zertifiziert ist (Global Recycled Standard). Was die quantifizierbaren Vorteile

gegenüber Virgin Nylon 6.6 betrifft, so werden bei der Herstellung von CORDURA® re/cor™ RN66 die Treibhausgasemissionen um 83 % gesenkt, 82 % weniger Energie und 57 % weniger Wasser verbraucht. „Wir haben von Anfang an CORDURA® Stoffe verwendet und es keine Sekunde bereut. Als wir von der neuen CORDURA® re/cor™ Stoffentwicklung gehört haben, waren wir sofort begeistert, da sie langlebige Produkte ermöglicht und gleichzeitig die Herstellung der für die Stoffe benötigten Ressourcen reduziert. Im Markt besteht ein Bedarf an umweltfreundlicheren Produkten, und die Partnerschaft mit CORDURA®, ermöglicht es, dieser

Anforderung gerecht zu werden, ohne Kompromisse bei der Produktqualität einzugehen“, erläutert Nadia Zoller, Product Designer, BACH EQUIPMENT. Der europäische Launch der limitierten Tasche wird mit einer Happy Hour am Dienstag, den 29. November 2022 von 16:00 -17:30 Uhr am ISPO Munich Messstand von CORDURA® Advanced Fabrics in Halle C2.234 gefeiert. Rucksäcke und Taschen von BACH EQUIPMENT mit der neuesten Produktinnovation CORDURA® re/cor™ RN66 werden in der Kollektion 2024 im Handel erhältlich sein.

450+ 'Together Again' at ICA Las Vegas 2022

450+ delegates from the global cotton community gathered from 8 – 10 November at Las Vegas 2022 – the ICA's first traditional trade event and gala dinner in three years.

Delegates came together in the Park MGM, Las Vegas to take part in the three-day event, which saw a variety of top industry speakers take to the stage.

The event began with a series of Regional Forums and a diversity focused panel session, the Power to Empower, chaired by Bill Kingdon (ICA). It continued with keynote sessions from Ron Lawson (LOGIC Advisors / SFO Commodities), Mark Pryor (The Seam) and Kim Kitchings (Cotton Incorporated), as well as a panel session focusing on sustainable supply chains chaired by Bill Ballenden (LDC Suisse SA), there was also plenty of opportunity for

delegates to network and do business, one of the main event attractions.

At the closing 'Together Again' Gala Dinner, a recorded speech saw Alex Hsu pass over the ICA presidency to Tim North. Alex reflected on the challenging yet rewarding journey of serving as ICA President: “My term began amid global shipping issues, and I find it regretful that, at the end of my term, the shipping industry still has not fully resolved their issues. Unfortunately, these shipment delays have led to many disputes within the cotton community. We have encouraged, and continue to encourage, more commu-

nication between buyer and seller, to work together to find solutions.

We've also achieved many successes this year. The ICA fully embraces sustainability, and to that end we continue to work with sustainability platforms around the world. This year, we have signed MOUs with Better Cotton, US Cotton Trust Protocol, and Cotton Made in Africa, and we actively engage with all organisations to promote sustainability throughout the cotton supply chain.

The Women in Cotton group continues to make great strides in increasing diversity within the cotton industry, and I am always astound-



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ed by the energy and vibrancy that they bring to every event. But the thing that excites me the most is our return, after almost 3

years, to in-person meetings. I was very excited to be able to visit the subcontinent earlier this year, and I am really happy that we are able

to be together again, here in Vegas, for the first time since the pandemic.”

French recycling line up and running

Plant will process 3,000 tons of polycotton textiles annually, representing ten million items of regenerated clothing.



Renaissance Textile, based in Laval, France, has successfully started up a complete textile recycling line, delivered, installed, and commissioned by Andritz Laroche. The textile recycling equipment has enabled Renaissance to become the first French recycling platform

dedicated to industrial end-of-life textiles. The project aims to produce new fibres from the collected post-consumer apparel which will be used to weave new recycled fabrics. The new 12,000-square-metre plant is equipped with a complete

tearing line with its unique design has resulted from a close collaboration between R&D specialists from Andritz Laroche and Renaissance, as well as customised trials carried out jointly by the two parties at the Andritz technical centre in Cours, France.

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The new clothing produced based on this circular economy model reflects a larger effort to decarbonise the textile industry in the fight against global warming, but also provide autonomy in raw material sourcing and the promotion of local staffing, particularly for people who have been unemployed for a long time or are seeking to enter

the labour market for the first time. By 2025 Renaissance plans to create 110 direct jobs. "Our first recycling line is dedicated to white polycotton textiles that mainly come from the healthcare and food processing industries," said Nicolas Nojac, director of Renaissance Textile. "This equipment enables us to recycle 3,000 tons

of textiles every year, representing ten million items of clothing. We also plan to install two additional lines by the end of 2023 and 2025 respectively, to enlarge the range of recycled textiles by adding different colours and fibres."

New leadership team voted in at the ICA



Tim North
ICA President



Kim Hanna
First Vice- President



Mohammad Bashir
ICA Second Vice- President

A new leadership team has been voted in at the ICA following its annual general meeting, which took place earlier this month during the association's Las Vegas 2022 trade event.

Mr Tim North (Tim North Consulting) takes on the role of ICA President. Tim will be supported by Ms Kim Hanna (President – TransGlobal Inspections) as First Vice-President and Mr Mohamed Bashir (Chairman, Gul Ahmed Textile Mills Limited) as Second Vice-President.

New to the board are Ms Alia Malik (Director for Sustainability – Better Cotton), Mr Yahya Saleem (Regional Director for Pakistan), Mr Jagan Gopinath (Regional Director for India), Mr Ismail Nohutlu (Regional Director for Turkey), Mr Ashok Hegde

(Ordinary Director – Olam Global Agri Pte Ltd), Mr Hope Brooks (Ordinary Director – Staple Cotton Cooperative Association) and Mr Marco Antonio Aluisio (Ordinary Director – Ecom Agroindustrial Corp Ltd).

Speaking of his new role as ICA President, Tim said:

"Becoming President of the ICA is a great honour. And as I reach the latter stages of my career, the opportunity to lead the International Cotton Association is something I assume with great pride.

As the ICA President I must tell you all now that I recognise the importance of being a President to all participants in the textile chain – from the field to the end user and all those involved in that process. It is my duty to serve you. The tex-

tile chain is more transparent than it has ever been. It is essential that the ICA continue to evolve and keep pace with changes as they occur. Traceability using science and block chain capacity is holding the whole chain more accountable. There is a need and thirst for knowledge, especially on the retail side of the business. For too long, there have been virtual walls between various sectors of the industry. It is important that the ICA engage with brands and retailers as they play a vital role in the whole process. The inclusion of Andrew Olah on the Board offers a great opportunity for us to engage in more dialogue with brands and retailers due to his extensive contacts in the industry. Sustainability is here to stay. It will





evolve and the ICA can play a role in this important space. Whereas the raison d'être of the ICA is to provide Arbitration services and help to maintain integrity in the marketplace, having contact with all segments of the industry is essential to assist in contract sanctity.

My intention is to be able to stand before you in a year's time and to be able to speak to important progress made in these various areas that will surely serve to create an increasingly safer trading environment."

Tim entered the cotton business in December 1978 joining Weil Brothers-Cotton as a management

trainee. In January 1983, he moved to South America to establish operations for Weil in Paraguay and to develop Weil's South American business. He returned to the U.S. to Weil's head office in December 1988 to oversee Weil's South American business. Tim then went on to become the Senior Vice President for Weil Brothers-Cotton, Inc. in 2004, in charge of Weil's Non-U.S. operations and overseeing Pima U.S. and C/A operations.

In December 2009, Tim joined Ecom cotton group in Dallas, Texas and became coCEO of Ecom, USA in January 2016. He then relocated to Pully, Switzerland in March 2019 for

Ecom as Global Head of Merchandising.

Tim has held a variety of board and association positions in the industry, including President of Western Cotton Shippers Association (2016-2018), Chairman of American Cotton Shippers Association (2019/20) as well as serving on the boards of Cotton Council International and the U.S. National Cotton Council.

Comprising 24 members, the new board line-up continues to represent the ICA's global membership across all sectors of the supply chain and builds on its commitment to engage the entire global cotton community.

Lycra renews partnership with MarediModa



The Lycra Company, a leader in the development of innovative fibres and technological solutions for the textile and apparel industry, and

historic official partner of MarediModa, returns with an even wider offering for the swimwear world. To get a closer look at the selected

technologies of the Lycra brand, the company's special lounge at MarediModa will provide richer and more stimulating content and



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events. The area is dedicated, as always, to customers, partners, and friends of the Lycra brand to explore together the full potential of The Lycra Company's offerings for swimwear. Three key innovations include: Lycra Adaptiv fibre, Lycra FitSense technology and Lycra Xtra Life fibre.

NEW WEARABILITY LIVE TEST PREVIEW AT LYCRA BRAND LOUNGE

Guests will also be invited to preview a new special project illustrating how the Lycra brand meets

different demands in stretch and recovery, alongside durability and quality in swimwear.

The Lycra Company has conducted wear tests with athletes across different water sports disciplines. The six athletes wore garments with Lycra fibre for a total of 75 hours and were asked about the quality of the garments' performance using the following benchmarks: resistance, stretch, adaptability, quality of fit, shape and durability.

Specifically, the technologies and

fibres in the wear tests were Lycra Adaptiv fibre for paddle surfing in sea water, Lycra Xtra Life fibre for competitive swimming and Lycra T400 fibre for water polo in chlorinated pool water. The tests were conducted in collaboration with the Spanish brand Odeclas, specialist in high quality swimwear designed for demanding athletes, and Sponsify, a sports marketing agency based in Barcelona.



COMMITMENT TO SUSTAINABILITY

To reaffirm the continuous commitment for a more sustainable value-chain, The Lycra Company will take part in a panel discussion during the afternoon of the open-

ing day. Alistair Williamson - Apparel Vice President, EMEA & South Asia of The Lycra Company, will also deliver a presentation called 'Durable Swimwear is Sustainable Swimwear' to illustrate The Lycra Compa-

ny's commitment to a sustainable future (November 8th 3.00pm, Conference area at MarediModa). At 4.30pm on November 8th Alistair Williamson, Apparel Vice President, EMEA & South Asia of The Lycra



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Company, and Nicolas Banyols, Chief Commercial Officer of The Lycra Company, will host a press conference at the Lycra brand Lounge area.

META FIT LAND

The Lycra Company has collaborated with Carvico in the launch of a

special new fabric collection by Carvico and Jersey Lomellina, incorporating Lycra Adaptiv fibre. The inspiration for this collection centres on the Metaverse, a parallel world where real and virtual come together for new experiences. Meta Fit Land is the place where you can

discover the new era of wearability. To celebrate this launch, a cocktail event will be held at the Carvico Jersey Lomellina Living Space at 6pm on the MarediModa opening day.

Opening up infinite possibilities for Industrial Yarn



Since 2012, Trützschler has been developing and building high-performance extrusion lines for Bulk Continuous Filament (BCF) carpet yarns (our MO40-C, MO40-E and TO40 machines). Trützschler launched the OPTIMA concept for BCF in 2019 and has firmly established a strong market position since then. At the same time, we started work on innovative solutions for industrial/technical yarns made of polyester, polyamide and polypropylene.

MODULAR DESIGN

OPTIMA was designed as a modular platform that uses proven components. It now features two new solutions for manufacturing industrial yarn – the TEC-O40 and the TEC-O80. Both OPTIMA for IDY systems offer impressive flexibility and can meet the needs of a diverse range of applications and throughput requirements.

These modular-build draw frames allow for the integration of three to five duos of heated godets:

- Semi-industrial yarns for durable products such as bags, back-

packs or shoelaces are produced on a three-duo system.

- The concept with four godet duos delivers high and super-high tenacity yarns for belts, nets and ropes.
- Five duos are used when producing low and super-low shrinkage yarns. Typical applications include coated broad-woven fabrics (tarpaulins, billboards or airbags) and tire cords.
- A building-integrated OPTIMA for IDY.
- An OPTIMA for IDY draw frame



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with four heated godet duos.
TEC-O40
 Two TEC-O40 systems cover the en-

tire industrial and semi-industrial yarn market. They target high and/or super-high tenacity products, as

well as super-low shrinkage yarns.

Titer range [dtex]	500' – 4,000 (plied)	
Tenacity range [g / den]	6 – 10 (depending on polymer, final application, color intensity, additives etc.)	
Ends/position	4 / 2 (plied)	4 / 2 (plied)
Possible winder configurations		
Number of winders/position	1 (FW81)	2 (FW51)

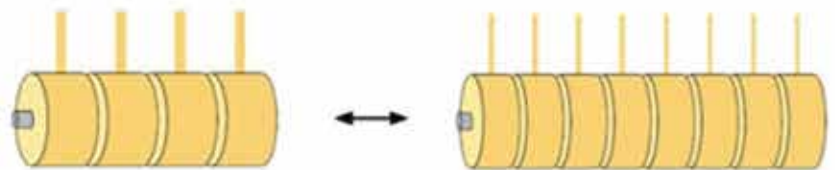
TEC-O80
 TEC-O80 systems serve the low-to-medium denier yarn mar-

ket. To add flexibility, an easily adaptable conversion kit can turn a TEC-O80 draw frame into a TEC-O40

system. This opens up the product range to include higher dtex yarn qualities.

Titer range [dtex]	235 – 2,000 (plied)	
Tenacity range [g / den]	6 – 10 (depending on polymer, final application, color intensity, additives etc.)	
Ends/position	8 / 4 (plied + conversion kit)	
Possible winder configurations		
Number of winders/position	1 (FW81)	2 (FW81)

Conversion kit:
 An easy-to-apply conversion kit turns the four-end winder into an eight-end winder for finer yarns (and vice versa)



EXCELLENT EXTRUSION

Customers in the man-made fibers market are now benefitting from these two additional OPTIMA extrusion systems. The TEC-O40 and the TEC-O80 offer outstanding flexibili-

ty through their modular construction, which enables manufacturers to adapt the equipment to serve changing needs and demands. The innovative systems are another clear indication of Trützschler's

constant focus on developing solutions that deliver better quality, improved efficiency and a valuable competitive advantage.

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National Conclave of Technical Textiles – Protech on 16th November



Technical Textiles is one of the core focus areas for India's Ministry of Textiles as Government aims at an average growth rate of 15-20 per cent to increase the domestic market size of technical textiles to US \$ 40-50 billion by the year 2024. Keeping these things in view, prestigious organisations Northern India Textile Research Association (NITRA) and Indian Technical Textile Association (ITTA) are organising 'National Conclave of Technical Textiles – Protech' on 16th November 2022 at India Habitat Centre, Delhi. The event is supported by the Ministry of Textiles, Government of India under National Technical Textile Mission.

Dr. Arindam Basu, Director General, Northern India Textile Research Association informed, "In spite of the boost in technical textiles manufacturing and exports in the country, huge quantities of protective textiles are imported to meet the demand, particularly in the defence sector. There is an urgent need for cent per cent indigenisation of technical textile products for defence, paramilitary and police forces." He further added that this Conclave will provide a platform for buyers and sellers to interact and come up with an action plan to benefit from the ongoing demand for protective textiles. Also the exhibition alongside will provide an opportunity

for all the leading manufacturers to showcase their developments and innovations.

Darshana V Jardosh, Hon. Minister of State – Textiles, will be the Chief Guest of the event and will inaugurate the conclave. Secretary Textiles, Joint Secretary (Technical Textiles), Textile Commissioner and Director (Textiles) will be the Guest of Honors.

Personnel from defence, paramilitary, fire brigade forces, oil industry, steel, aluminium industry, security sector, entrepreneurs and professionals from the technical textiles industry especially Protech, technical officers, R&D personnel, machinery manufacturers and, faculty

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from well-known textile institutes will also take part in the Conclave. To benefit the participants and keep abreast them of the latest technologies and innovative products, an exhibition will be arranged along with the Conclave in which around 30 companies/agencies will partici-

pate and will showcase the innovative products in the field of Protec. It is worth mentioning here that National Technical Textiles Mission (NTTM), and Production Linked Incentive schemes are a few of the major steps to promote the technical textile industry in India. Market

development, market promotion, international technical collaborations, investment promotions and Make in India initiative are also there to promote this industry.

Lenzing tops Canopy’s globally renowned “Hot Button Ranking” 2022

- Global ranking standard evaluates the world’s cellulosic fiber manufacturers: Lenzing again recognized as champion of sustainability for responsible sourcing, innovation and transparency
- Lenzing achieves the highest category for the third time already

Lenzing – The Lenzing Group, the world’s leading supplier of sustainably produced specialty fibers, achieved first place in the “Hot Button Ranking” of the Canadian non-profit organization Canopy, thus confirming its leading role in the areas of sustainability and responsible wood and pulp sourcing. Lenzing can also once again celebrate a dark green shirt, synonymous with the highest category.

In this ranking, which receives a lot of attention in the textile and apparel industry, Canopy evaluates the world’s 34 largest producers of cellulosic fibers in terms of their sustainable wood and pulp sourcing, their efforts with regard to the use of alternative raw materials and their achievements in the protection of ancient and endangered forests. Resource preservation is a key element of Lenzing’s corporate strategy and at the core of its innovation agenda. The sustainable production of TENCEL™, VEOCEL™ and LENZING™ ECOVERO™ branded specialty fibers is based on these



principles. “We are very pleased that the steps we are taking as the Lenzing Group to continuously improve and find solutions to the most pressing problems of our time are being seen and honored,” said Robert van de Kerkhof, Chief Commercial Officer Fiber of the Lenzing Group. “We are working hard to make our industries even more sustainable and to drive the transformation of the textile business model from linear to circular. Further efforts from the entire industry are needed for this transformation to take place,” van de Kerkhof said.

EFFICIENT USE OF RESOURCES

Wood and the pulp derived from it are the most important raw materials for the sustainable production of cellulosic fibers from Lenzing. The Lenzing Group assumes responsi-

bility by striving for sustainable procurement based on environmental certificates and responsible and efficient use of these valuable resources. Lenzing sources wood and dissolving pulp from sustainably managed forests and plantations and not from ancient, protected or endangered forests.

Promoting the circular economy With its REFIBRA™ and Eco Cycle technologies, Lenzing offers solutions for transforming the textile and nonwovens industries towards a circular economy. In line with its vision for the circular economy, “We give waste a new life. Every day.” Lenzing is driving the industry toward a full circular economy by striving to give waste a new life in all aspects of its core business and developing circular solutions together with potential partners inside and outside the current value chain. A milestone on this path is the cooperation with the Swedish pulp producer Södra. The two global market leaders, who have been proactively promoting the circular economy in

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the fashion industry for many years, are joining forces to give the topic a further boost and make a decisive contribution to solving the global textile waste problem by making fibers from post-consumer textiles. Today, Lenzing offers lyocell fibers made from 30 percent recycled cot-

ton waste. The company aims to launch lyocell, modal and viscose staple fibers with up to 50 percent recycled post-consumer content on a commercial scale by 2025 and to develop a new circular business model by closing the loops for post-consumer waste. By 2025, the

company plans to enter into further partnerships with 25 key supply chain companies, which again exemplifies Lenzing's ambitious path in climate protection and the circular economy.

Upgraded Lenzing E-Branding Service offers even greater convenience to value chain users

- Lenzing E-Branding Service adds multiple online service offerings in latest upgrade to offer greater convenience to value chain partners and brands
- New features include Artwork Approval, Fiber Blending Quick Check Tool, Onboarding Tool, E-Branding Master Class and E-Branding Helpdesk

Lenzing Group, a leading global producer of wood-based specialty fibers, announced the release of a suite of new features on its Lenzing E-Branding Service platform that is now available across textile brands TENCEL™, LENZING™ ECOVERO™, as well as nonwovens brand VEOCEL™. Users will be able to use the new features – Artwork Approval, Fiber Blending Quick Check Tool, Onboarding Tool, E-Branding Master Class and E-Branding Helpdesk – to enjoy a smoother experience and greater convenience, as well as enhanced transparency across the value chain. The new features also complement existing services, such as fiber certification, application for product licenses, and branding materials.

“Since the introduction of Lenzing E-Branding Service in 2018, we have been on a mission to pioneer the digitalization of value chain management. While we remain committed to providing unprece-

dent traceability across the industry value chain, ensuring better user experience remains the key foundation of the Lenzing E-Branding Service,” said Harold Weghorst, Vice President of Global Marketing and Branding at Lenzing AG. “With our latest upgrade, users can leverage the new Artwork Approval process to access licensed marketing or co-branding materials with a few clicks, and learn about our service offerings via a suite of comprehensive resources. While material verification during the production process is important, we will not stop there. We aim to extend such verification services to finished garments, enabling greater traceability along the value chain.”

ARTWORK APPROVAL PROCESS OFFERS GREATER EFFICIENCY FOR BRANDS AND RETAILERS

As more consumers become aware of greenwashing, there is a growing need for brands and retailers to enhance descriptions of the sustain-



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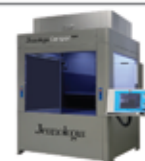
ability elements in their products. Since 2017, the number of applications for fabric certifications, product licenses and swing-tickets in the E-Branding Service platform has grown exponentially, by around 1.5 times annually. To address the growing need for co-branded marketing content, the “Artwork Approval” process was launched to ensure fast turnaround for artwork confirmations. With a structured online collection of approved artworks, users can access their artwork collection anytime, anywhere, and apply selected artwork for multiple license applications.

FIBER BLENDING QUICK CHECK TOOL ENSURES EFFECTIVE LABELLING

To ensure accurate labelling of product ingredient, fabric manufac-



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turers can leverage the new Fiber Blending Quick Check Tool to easily check whether the planned fiber blend of a specific fabric is in accordance with Lenzing's Certification Standards. The tool can also verify the correct Lenzing fiber brand for each fiber type, which significantly helps retailers promote the final product among consumers. The Fiber Blending Quick Check Tool can be found on the landing page of the E-Branding Service. It is accessible to all visitors to the platform and does not require one to register.

Onboarding Tool, E-Branding Master Class and Helpdesk double up on knowledge transfer

To support the increasing number of users from different regions, the new E-Branding Service Onboarding Tool features a series of step-by-step guides that advises users on

how to use the platform's features. The recently launched E-Branding Masterclass also enables users to expand their knowledge of the platform through live webinars and recorded self-study learning modules covering certification and licensing of Lenzing's TENCEL™, VEOCEL™ and LENZING™ ECOVERO™ brands. The self-study learning modules are available in English with subtitles in 10 languages. The E-Branding Masterclass is supplemented by the E-Branding Helpdesk service which provides users with live support from a dedicated team of Helpdesk specialists, creating a comprehensive knowledge sharing platform.



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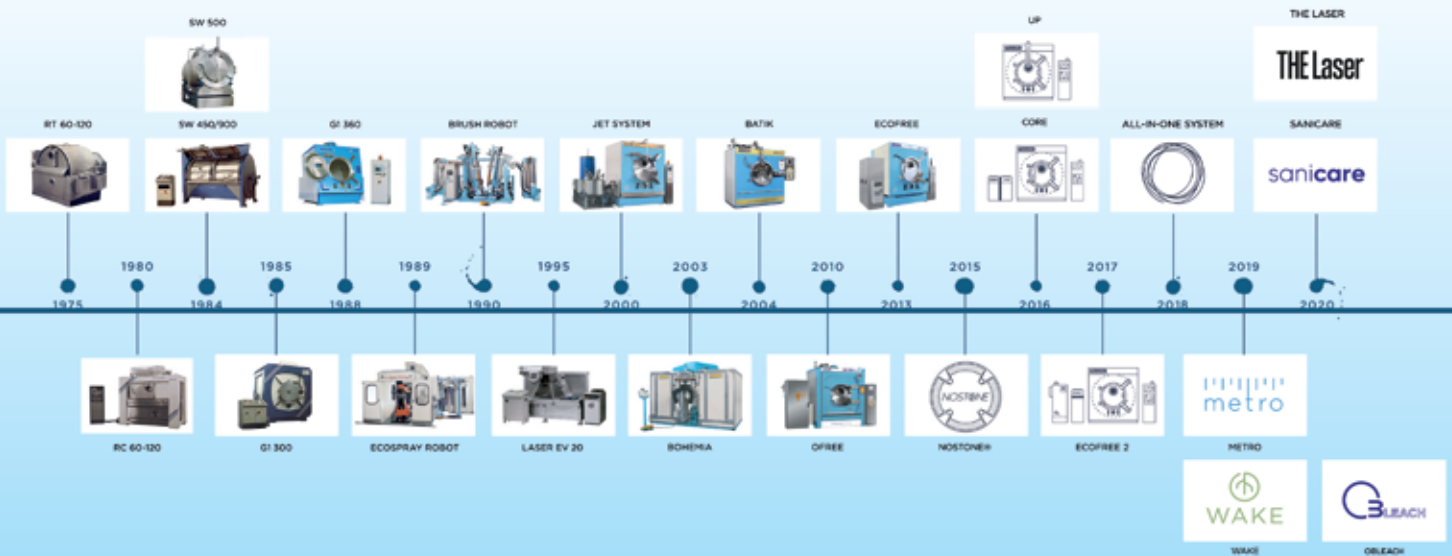
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Saurer to showcase Autoairo air-spinning machine at India ITME 2022



Saurer, the Switzerland-based solution provider for spinning and twisting machines, will be present at the India ITME 2022 from December 8-13 in New Delhi in booth 10C7E12. The highlight will be its air-jet spinning machine Autoairo, to be exhibited for the first time in India.

Saurer's spinning and twisting machines are renowned for their energy saving features, automation, and digitalisation solutions. Saurer machines enable the circular economy in textiles and are the leaders

in processing recycled textile materials.

With the Autoairo, Saurer offers five different spinning systems: ring, compact, worsted, rotor, and air spinning systems. Exhibits to be presented at the booth are the new Autoairo air-spinning machine, the Autospeed roving frame, the Autocoro and BD rotor spinning units, the FusionTwister for two-for-one twisting, as well as exhibits of Texparts and Fibrevision quality monitoring.

The right combination of Saurer's

blow room and carding machinery ensures excellent fibre utilisation and sliver quality, thus increasing the efficiency of the spinning process and improving the quality of yarn. The new Autocard was developed to create further value in the fibre preparation chain, Saurer said in a media release.

The Autoairo sets new benchmarks for air spinning. Saurer has combined its most advanced automation solutions with proven technology to create an air-spinning machine with unique properties.

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The Autoairo features autonomous spinning positions with automation per spinning unit for more productivity and integrated intelligence. The exhibited Autoairo will remain in India to conduct customer trials. Belairo, the new air-spun yarn impresses with low hairiness and high pilling resistance.

The Autocoro is the market and technology leader which revolutionised automatic rotor-spinning technology and opened the door to more productivity, flexibility, and sustainability for customers worldwide. In just 10 years, Saurer installed 1 million Autocoro spinning positions with individual drive technology and energy saving features. The BD 7 semi-automated rotor spinning machine is powered by the technologies of Autocoro. With the patented digital piecing technology, DigiPiecing, and take-up speeds of up to 230 m/min, the BD 7 improves yarn quality and productivity for spinning mills.

The use of the Autospeed roving frame with automatic doffer ensures that spinning mills do not have to rely on skilled workers, and simultaneously increases the quality of the roving. The Autospeed roving frame with up to 240 spindles saves up to 20 per cent of energy compared with the previous model, while doffing takes less than 2 minutes. Also, in action at the ITME exhibition, customers can see the Autospeed in combination with the bobbin transport system and Roweclean, the automatic tube cleaner. The ZR 72XL and ZI 72XL are two productive ring and compact-spinning machines. They set the global

benchmarks for intelligent spinning, low energy consumption, user friendliness, and flexible automation solutions.

Saurer's Texparts product line offers high quality components for the textile industry including drafting systems and spindles, spinning rings, and travellers. The new double elastic spindle, Eshape, has a reduced wharf diameter and is based on CS 1 S. Outstanding running properties up to 30,000 rpm and about 6 per cent energy savings are the key performance factors. Eshape, combined with the best system for spinning without underwinding, Spinnfinity, is the perfect fit for automated and efficient ring spinning.

At the ITME exhibition, Saurer will also show the two-for-one twisting machine FusionTwister, which offers high efficiency combined with the excellent quality of the cross-wound delivery packages produced. Up to 15 per cent of energy can be saved with the FusionTwister while increasing the winding speed by 10 per cent: This result was reported by an Indian customer. Consistent high yarn and package quality is a result of its robust machine construction and optimised yarn guiding elements, which consist of yarn-friendly ceramics or have plasma-coated surfaces for low friction and longevity.

Saurer's twisting machines are as flexible as the market demands. The direct cabling machine, CableCorder CC5, for tire cord and industrial yarns, features a new spindle gauge 400 with up to 200 spindles, making it a true space saver.

Its Cord Regulator technology ensures equal lengths of the individual yarns and thus high cord quality. Thanks to the balloon reduction technology developed by Saurer, the same, smallest possible balloon diameter can be set on every spindle – regardless of the titre. Energy consumption is thus kept to a minimum on the CC5.

For all synthetic continuous filament yarns, Saurer Fibrevision's on-line quality monitoring devices are well established in the market. Fibrevision products serve all areas of the industry: Fraytec FV2/ Unitens/ FibreTQS are multi-parameter quality monitoring systems that can be used in filament spinning (POY, FDY, BCF, T+I), draw texturing (DTY) as well as in cabling, twisting, and elastomer production. Single and multi-threadline sensors assure customers of the quality of their production.

Saurer enables spinning mills to process a wide range of recycled and regenerated fibres in their production. The Saurer rotor spinning machines are leaders in the processing of recycled fibres. The Saurer textile technology laboratory continuously assists customers in optimising their yarn production and yarn quality, especially for recycled fibres, the release added.

With more than 160 years of experience, Saurer has always been committed to advancing the textile industry, integrating high-end equipment manufacturing with modern information technology to provide complete solutions for the smart spinning factory.

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Germany's Truetzschler to present textile solutions at India ITME 2022



German textile machinery manufacturer Truetzschler Group will attend the India International Textile Machinery Exhibitions (ITME) trade fair from December 8–13 at India Exposition Mart Limited in Greater Noida. The group's 486-square-meter stand no. A3 (Hall 10), will showcase the latest machines and technologies from each of its business areas: spinning, card clothing, nonwovens, and man-made fibres. A team of Truetzschler experts from Germany and India will be available to describe and discuss the compa-

ny's innovative solutions for the textile industry and will be supported by the sales team from its agency A.T.E Enterprises Limited, according to a press release by Truetzschler. The following exhibits from Truetzschler's spinning business will be showcased at the event. The TC 19i card is the first intelligent card, and opens up new opportunities for productivity and quality with its self-optimisation function. Using data from the tried and tested T-CON 3, the T-GO gap optimiser permanently and automatically

keeps the carding gap at the optimal position, even under changing production conditions. Wastecontrol helps to minimise the loss of good fibres, and Nepcontrol constantly monitors the nep count. The integrated IDF 2 system is a versatile system that offers a cost-efficient and resource-efficient way of producing rotor-spun and Vortex yarns. The key benefits include improved economic efficiency through process cutting, higher flexibility with shorter throughput times, cost reduction through less

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operating work, and lower investment cost through reduced space requirements and saving of cans.

The TC 12-1 S card sets the benchmark in one-meter cards. It boosts quality and productivity thanks to its highly precise flat setting system (PFS 40). Wastecontrol can reduce loss of good fibres by up to 2 per cent (for cotton). The state-of-the-art Smart Touch and T-LED remote display provides easy operations. And the new coiling solution T-Move 2 with Jumbo Cans can increase can filling by up to 50 per cent. The synthetic version of the TC 12 card on booth with special execution with tailor-made technology components and stainless-steel parts offers the highest productivity with the lowest energy consumption.

The TCO 21 comber is an innovative combing machine that maximises productivity and automation, while also providing excellent process efficiency and yarn quality. With Dual Drive and 2-Twin-Drive, the TCO 21 is the only comber that offers direct drives on both sides. The unique self-optimisation of the Piecing Optimizer perfectly adjusts the piecing time and detaching curve. Smart Touch, RFID, and T-LED ensure easy operation.

The TD 10 spinning draw frame is an ultramodern auto-leveller draw frame that features the latest digital levelling technology. Due to its smart design, the TD 10 requires on an average 20 per cent less space than comparable competitors' models. It is also equipped with a highly efficient suction system. The intelligent Smart Creel and T-LED remote display offer superior func-

tional reliability. Special features like Auto Draft and Opti Set deliver significant performance improvements.

The pre-cleaner CL-X (exhibited as scale model) is a new high-performance pre-cleaner that offers higher productivity and lower energy consumption. Its improved grid geometry and 2.60-meter cleaning section achieve superior cleaning and separation at high production rates. The flexible machine is able to run two mixing lots at the same time, while different sizes of waste can also be separated. It features stepless speed adjustments for the opening rollers and individual adjustments of grid bars for each opening roller. An additional Wastecontrol sensor is also integrated into the CL-X, which avoids the unnecessary loss of valuable good fibres.

Visitors will get the chance to see and touch various stages of recycled material processed by Truetzschler's machines—from fibres to sliver and yarns. They can then get information on Truetzschler's specially designed recycling card or sustainability/recycling table.

Truetzschler will present a new type of clothing for different processing needs and special applications. The company's new Supertip series of cylinder clothing offers improved fibre guidance and allows optimal fibre transfer, which significantly improves nep removal efficiency. Its special metallurgy also helps to achieve much 'longer working life'. The Novotop series of flat tops makes a significant positive influence on the carding pro-

cess. At the stand, visitors will be able to see models and samples of the manufacturer's unique range of wires. Truetzschler's card clothing experts will be available to answer any questions.

The new T-Suprema solution for needle-punched nonwovens will be part of the exhibit at India ITME. Mechanically needled nonwovens are highly functional textiles used in construction, transportation, and industrial production. T-Suprema production lines make the needle-punching process easier than ever. Truetzschler Nonwovens partners with Texnology, an expert in needle looms and other needle-punching machinery. Truetzschler's offer includes efficient machinery for manufacturing top-quality geotextiles, filtration media, automotive textiles, and nonwovens for special applications. The Optima platform is a key part of Truetzschler's presence at India ITME. The Optima for Bulk Continuous Filament (BCF) concentrates on the needs of carpet yarn producers. With the four-end MO40-C, MO40-E, and TO40 extrusion systems, customers benefit from outstanding productivity, top-quality yarns, and low production costs. The new variant Optima for Industrial Yarn (IDY) transfers these advantages to the production of industrial and technical yarn. The TEC-O40 and TEC-O80 systems allow for the efficient manufacturing of high-tenacity, low-shrinkage, low-denier, and semi-industrial filament yarns. Applications cover tyre reinforcements, airbags, belts, geotextiles, ropes, and nets, as well as

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tents and travel luggage.

India ITME 2022 offers an opportunity for Truetzschler's experts to speak to people from across the textiles industry in India and

around the world. The company views India as a market with exciting potential for further growth and has a long track record of providing this market with innovations that

cut costs, improve quality and productivity, and support progress for sustainability.

Setback for India's cotton yarn export in April to August period!



FY '22 proved to be a great one for Indian cotton yarn exporters as they managed to tap 92.32 per cent growth on yearly basis.

However, the start of FY '23 remains dismal as India's cotton yarn exports declined by 42.82 per cent to US \$ 1.14 billion in April to August period, as per official data released by Ministry of Commerce and Industry, India.

The decline was majorly contributed by the top export destina-

tions Bangladesh and China where exporters saw a drop of 36.14 per cent and 93.14 per cent respectively!

The shipment to Bangladesh valued US \$ 513 million dropping from US \$ 803 million a year earlier, while shipment to China shrunk from a whopping US \$ 409.44 million to just a meagre US \$ 28.08 million in the said period.

Cotton yarn shipment from India to Portugal too came down drastically

from US \$ 93 million to US \$ 40.81 million in the review period, noting 56 per cent yearly downfall.

On one hand, exports to Bangladesh, China and Portugal remained negative, while on the other hand, it increased in Egypt and Italy.

Cotton yarn exports to Egypt valued US \$ 74.36 million (up by 5.47 per cent), while the exporters clocked US \$ 36.93 million (up by 132 per cent) from the Italy market.

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India ITME 2022: Rieter Strengthens Success of Spinning Mills



- Autoconer X6 – key machine for highest efficiency
 - Compacting solutions – full flexibility adds competitive edge
 - Spin it again – recycling expertise for rotor and ring yarns
 - ESSENTIALorder – purchasing parts with a few clicks
 - ROBOspin – the solution for personnel shortages
 - SSM NEO-FD – proven technology for efficient twisting production
 - Temco CoolFlow disc – innovation that delivers longer lifetime
- Rieter is presenting the latest innovations in its systems, components

and services at the upcoming India ITME 2022 in Uttar Pradesh (India), taking place from December 8 – 13, 2022. The company's technology portfolio is designed to help customers succeed in markets shaped by rising energy and raw material costs.

AUTOCONER X6 – KEY MACHINE FOR HIGHEST EFFICIENCY

The automatic winding machine Autoconer X6 perfectly completes the Rieter ring and compact-spinning systems. The machine serves as the final quality assurance in the ring and compact-spinning process and is key to the performance of

the subsequent process stages. The Multilink system with Multilot offers maximum flexibility to handle a different type of yarn.

The latest splicer generation OZ1 and OZ2 provides an optimum splice quality based on an open prism. With only two prisms spinning mills can splice the entire spectrum of cotton yarns as well as blends. They are also used for the splicing of cotton-based elastic core yarns in combination with the Elastosplicer. The splice zone exhibits an impressive elasticity in the fabric.

RIETER

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FULL FLEXIBILITY WITH COMPACTING SOLUTIONS



The Rieter compacting devices – COMPACTapron, COMPACTeasy and COMPACTdrum – are the right solution for every application. Spinning mills can change quickly between ring and compact yarn and offer customers a broader product range. This gives them an edge in the market.

SPIN IT AGAIN: RECYCLING EXPERTISE FROM ROTOR TO RING



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Rieter offers solutions for the integration of recycled raw material into yarn production to help close the textile loop and make fashion more circular. Both rotor and ring yarns can be produced with a considerable amount of mechanically recycled fibers. The result is promising: Garments made of challenging post-consumer material can be attractive for both consumers and the environment.

ESSENTIALORDER - PURCHASING PARTS WITH A FEW CLICKS

Based on existing customer information, the webshop ESSENTIALORDER visualizes which Rieter machines and systems are available inside each spinning mill. It therefore offers a personalized shopping experience and facilitates order management, enabling spinning

mills to optimize their internal stock levels. ESSENTIALORDER is available 24 hours a day, seven days a week.

ROBOSPIN - THE SOLUTION FOR PERSONNEL SHORTAGES

The piecing robot ROBOSpin reduces personnel requirements in the ring spinning section by 50%. The robot also attains productivity increases thanks to higher spindle speeds at equal or higher efficiency.

SSM NEO-FD FOR EFFICIENT TWISTING PRODUCTION

SSM is presenting NEO-FD, the assembly-winding machine for precision wound packages for twisting. It meets all requirements for efficient production. The machine features the auto-doffing option and the online back-pressure system for low and high package densities. With ergonomic design and proven

technology, the machine cuts maintenance and service costs to a minimum.

TEMCO COOLFLOW DISC WITH LONGER LIFETIME

Temco's CoolFlow texturing discs offer longer lifetime thanks to a brand-new geometry and the latest polyurethane technology. The texturing discs now generate a disc surface that operates at a lower temperature, resulting in slower ageing and abrasion. Further benefits are more stable yarn quality, higher productivity, and an overall process cost reduction.

Visit Rieter at INDIA ITME 2022 at India Expo Centre & Mart, Greater Noida, Uttar Pradesh 201306, India from December 8 - 13, 2022 in hall 10 at booth H10C11.

Upscale your performance - 100% color monitoring leads the way!

PROFITABILITY IS TAKEN TO THE NEXT LEVEL WITH THE BEST TECHNOLOGY ON THE MARKET. RESOURCE CONSERVATION AND UTILIZATION ARE - AND REMAIN - TWO OF THE MOST IMPORTANT ASPECTS IN ALL MANUFACTURING PROCESSES. SO, SPINNERS RELY ON YARNMASTER® PRISMA TO TAKE THEM ANOTHER STEP TOWARDS MAXIMUM PROFITABILITY.

ONCE AGAIN, LOEPFE DELIVERS PIONEERING TECHNOLOGY TO THE TEXTILE MARKET. AS PROVEN IN THE LATEST CUSTOMER TRIAL, THE DETECTION OF FOREIGN MATTER IN ALL COLORS OPENS UP NEW POSSIBILITIES IN TERMS OF QUALITY, PROFITABILITY, OPTIMAL USE OF RAW MATERIALS AND PROCESS OPTIMIZATION.

MAXIMUM PERFORMANCE WITH 100% COLOR MONITORING

Seeing is believing. The control and handling of contamination in cotton are some of the biggest challenges in spinning technology. With the introduction of YarnMaster PRISMA, Loepfe has set a new benchmark in quality control, especially for cotton, but also for colored yarns, mélange yarns and man-made fibers. Loepfe's newly developed F-sensor

enables 100% color management for the first time in the history of yarn clearing. True foreign matter detection eliminates unjustified cuts which directly leads to higher performance and a reduction in yarn waste.

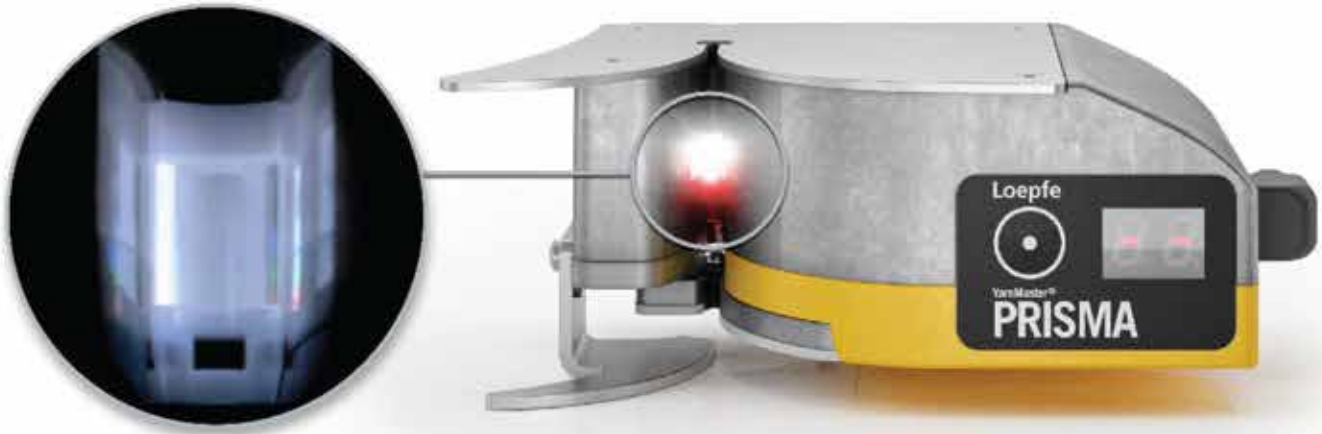
The RGB technology used by Loepfe to detect foreign matter and organic components of cotton, is based on detection with the full spectrum of light. The yarn gets illuminated

in the full spectrum of light using the additive RGB color model. This unique technology for yarn quality control uses the three primary colors - red, green and blue - adding wavelength to enable full-color monitoring, a globally unique feature. RGB technology makes it possible for the first time to precisely detect all colors, thus scan the whole raw material and classify the unwanted components within it.

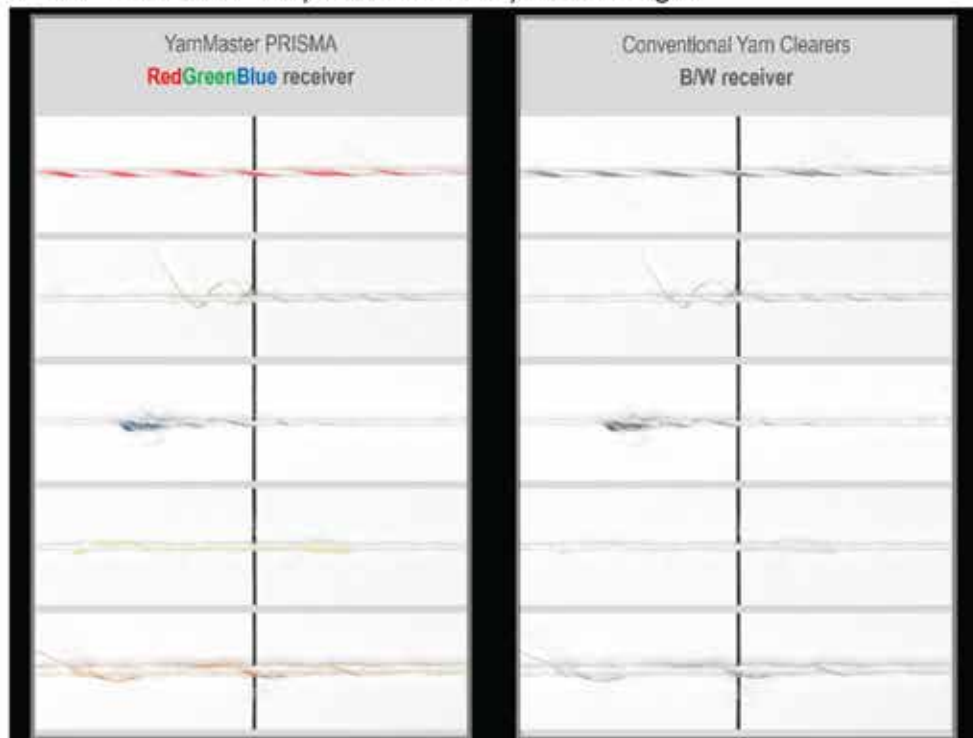


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Optimized reflection and adapted optical technology in PRISMA further results in 360° all-round monitoring. This novel clearing technology achieves unprecedented precision in the yarn clearing of staple fibers.



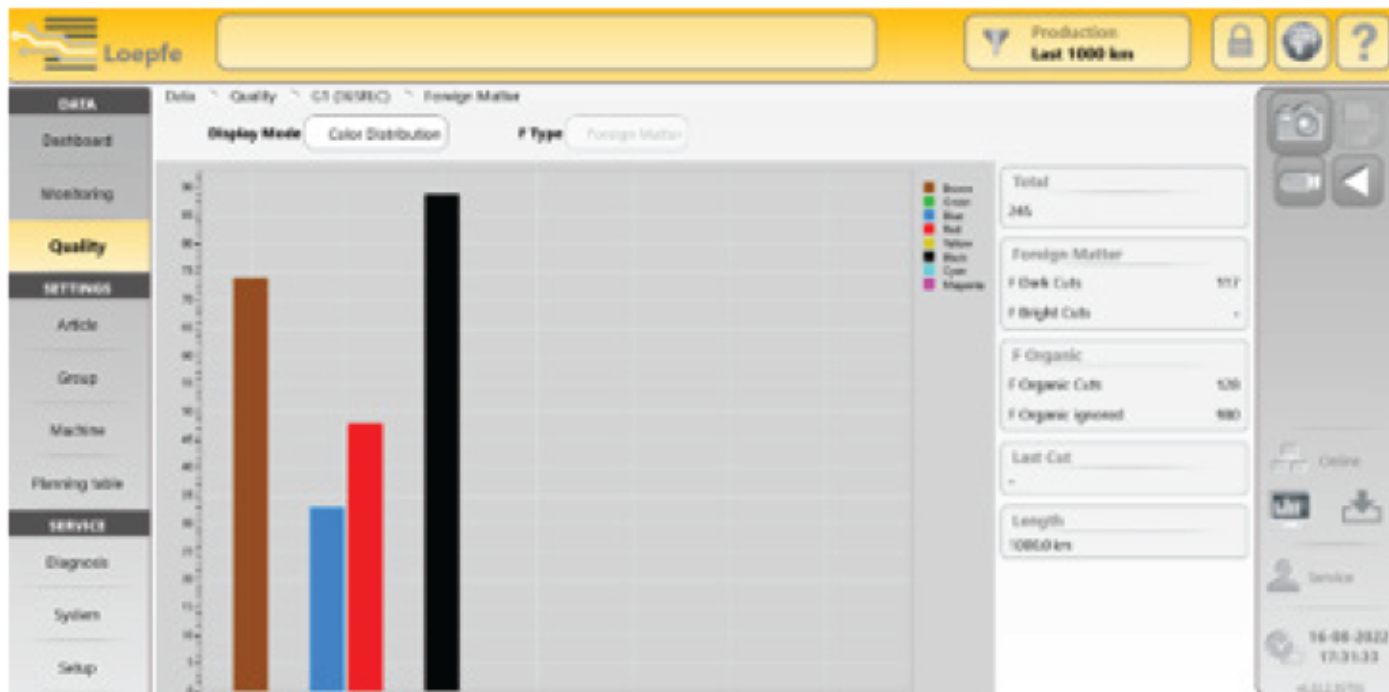
PRODUCTION OPTIMIZATION THROUGH A CUT HISTORY OVERVIEW

The PRISMA operating system provides a Cut History in which the detected colors are displayed for each

cut. This enables data-based decisions on quality–mill management optimization and helps to increase efficiency from the blow room to the winding machine. This unique

feature provides important information about 100% of the spun yarn and opens up new possibilities in raw material selection, blending, and cleaning.

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ONLY THE NECESSARY: INTELLIGENT ORGANIC FILTERING

PRISMA's uniqueness supports increases in efficiency with a holistic approach. The PRISMA software system uses algorithms and statistical models to analyze and draw inferences from data patterns, ensuring recognition of all possible organic matter.

In addition to color management, RGB technology enables color-oriented selection of organic material in the cotton yarn, which does not necessarily have to be removed, as it does not cause disturbances in downstream process steps and is eliminated by other means.

Loepfe has fed the system with thousands of samples of organics, showing what they look like and how disturbing they are. The

system can then recognize the organics without following explicit instructions, relying instead on the collection of organics and the patterns it has made from it. Customers can benefit from this intelligent organic filtering which offers an even more accurate detection of organic substances. The filter has learned whether organics need to be removed or not, leading to considerable savings, clearer cuts and higher winding efficiency. Machine learning methods take the organic clearing function to the next level.

Trials with several customers have shown that PRISMA is able to maintain yarn quality while increasing clearing efficiency through a lower cut-rate. This is achieved by the unique combination of software and precise and sensitive sensor technology which allows error-free detection and classification of dis-

turbing or non-disturbing defects.

In production, certain parameters are given. The level of efficiency to be profitable and the level of yarn quality to guarantee flawless further production. Various customer tests have shown that the unique measuring technologies of PRISMA enables the producers to achieve a higher yarn quality at a fixed cut-rate, i.e. a fixed productivity level, or vice versa provides a higher productivity (lower cut-rate) at a given yarn quality.

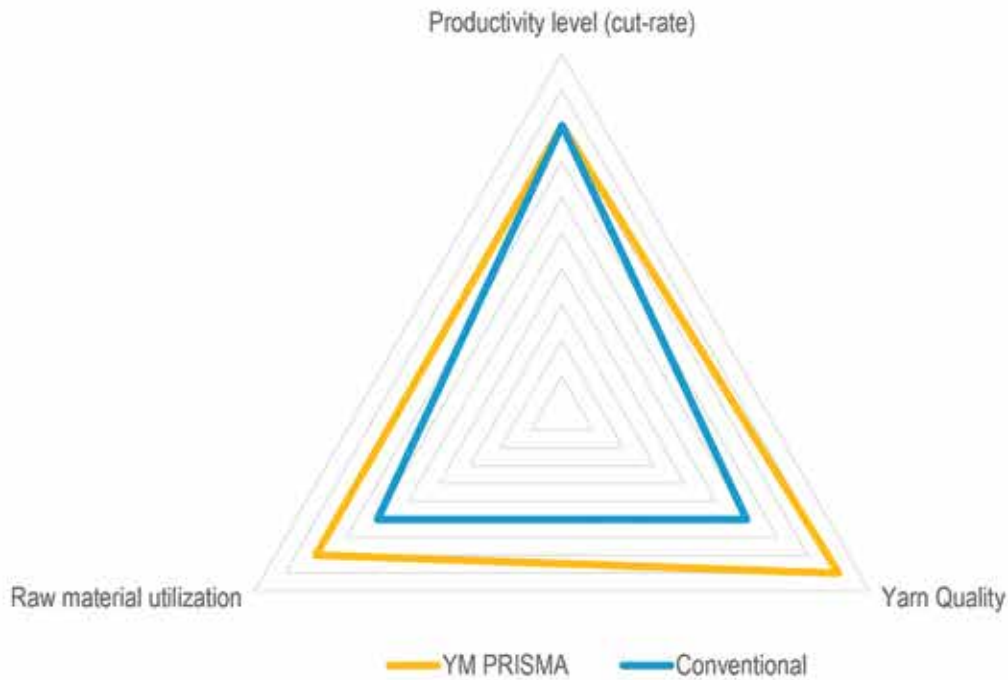
The graphic shows a test carried out with a customer in China manufacturing an Ne 60 compact yarn. Since the yarn quality now produced is not always satisfying, the goal was to reach a higher yarn quality while keeping the defined level of productivity (cut-rate). The on-site test showed that the



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Achieving higher yarn quality at a remaining productivity level (cut-rate)



target – higher quality while maintaining the cut-rate – was met. This important production optimization was achieved by the more precise removal of colored foreign matter and fewer cuts on non-disturbing organic events. This result

also achieves improvements in raw material utilization, since a higher quality could be achieved from the same raw material with the same cut-rate. The performance of PRISMA convinced the customer and leaves him room for further opti-

mization of his profitability. This new and trend-setting innovation shows once again how further optimization of spinning mills can be achieved through 100% online quality control with the latest technology on the market.



yarnmaster-r-prisma



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Gildan to expand operations in South Asia



Montreal - Gildan Activewear is continuing to expand its presence in South Asia with the construction of a large-scale, vertically-integrated knitting and sewing facility in Bangladesh currently underway. Reporting record third sales, up 6 per cent year on year, Gildan said that the large-scale manufacturing hub will significantly enhance its position to service international markets and support other key sales growth drivers.

Net sales for the third quarter were \$850 million, up from \$802 million in the third quarter last year and consisted of activewear sales of

\$742 million, up 13 per cent, and sales in the hosiery and underwear category of \$108 million, down 26 per cent over the prior year.

The increase in activewear sales was due to higher net selling prices, partly offset by lower sales volumes, as increased unit sales to North American distributors were more than offset by lower unit sales volumes of activewear stemming from demand weakness in retail and international markets. In the hosiery and underwear category, the sales decline compared to last year was driven by weak demand in retail and the impact of retailers

managing their inventory levels.

"The strength of our activewear business, driven by North American imprints sales, together with the benefits from our vertically-integrated manufacturing model, allowed us to deliver another strong quarter," said Glenn J. Chamandy, Gildan's President and CEO. "These results are a testament to the progress we are making under the Gildan Sustainable Growth strategy, which we remain fully focused on as we continue to drive to deliver on our three-year targets."

Operating income was \$175 million, or 20.5 per cent of sales in the



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Warp & Circular Knitting - Embroidery

quarter and adjusted operating income was \$170 million, compared to operating income of \$201 million, or 25.1% of sales, and adjusted operating income of \$172 million, the third quarter last year.

The increase in capital expenditures primarily related to capacity projects, including expenditures for the construction of the new facilities in Bangladesh.



Net sales for the nine months ended October 2, 2022, were \$2,520 million, up 18 per cent over the same period last year, reflecting an increase of 25 per cent in active-wear sales, partly offset by a decline of 12 per cent in the hosiery and underwear category.

Looking forward Gildan said its North American business geared toward imprintables channels con-

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tinues to benefit from demand driven by travel, tourism and large events and is expected to remain relatively stable. On the other hand, where it is seeing continued weakness is with its national account or retail-related customers, which represents a smaller part of our business. It is also continuing to see ongoing softness in demand for international markets.

Learning from the experts: Mayer & Cie. launches Know-how Panel



"I would like to ask someone who really knows ..." – we all have this wish, whether it's about an Ikea cabinet, the printer unwilling to work or about an unusual setting at a circular knitting machine. Most of the time, however, no expert

is available at precisely such moments.

For this reason, Mayer & Cie. will be offering its experience in circular knitting on a regular basis for download, starting from November 2022. Customers, technicians and

interested parties can thus benefit from the concentrated expertise. For other specific questions, the Mayer & Cie. team will continue to provide direct advice and assistance.

The first topic with which the series



Mayer & Cie.
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will deal is "Knitting in fine gauges". The circular knitting machine manufacturer complements the series



at regular intervals. All know-how panels are available here. Please note that registration is mandatory

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for downloading a know-how panel.

Long time, no see: Mayer & Cie. at Svenska Textilmaskinmässan



Together with the local agent Textrico Ab, Mayer & Cie. the Swedish textile machine exhibition, the Svenska Textilmaskinmässan. The industry event, which took place from October 13th to 14th, 2022 at the Textile University in Borås, was the first of its kind after a long break. The trade fair was organized by TMAS (Textile machinery association of Sweden), TEKO Sweden (interest group for textile machinery) and the Swedish

Textile Technical School in Borås. The event addressed international textile machine manufacturers on the one hand, and textile entrepreneurs from Scandinavia and the Baltic States on the other. The three organizers had identified a growing interest in local, sustainable textile production in Sweden. They also saw the willingness to invest, so that the organization of the industry event was obvious.

Convincing visitor numbers
The attention given to the mini-fair in the rooms of the textile technical school in Borås confirmed the assessment of the initiators. Thomas Zizmann, Head of Sales at Mayer & Cie. reports: "Especially on the first day, the fair was so well attended that visitors had to wait to be admitted." Together with his Swedish colleague Magnus Haglund, Zizmann manned the information



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stand at the trade fair. There, customers, students and interested parties were able to take a look at numerous samples and talk to the circular knitting experts.

Applications beyond the standards The majority of the trade fair visitors came from the Scandinavian countries. She was particularly interested in the production of technical textiles and the processing of wool. Thomas Zizmann: "Classic yarns made of cotton or polyester play a subordinate role for textile

manufacturers in Scandinavia. The processing of local materials is important, especially wool. Scandinavian knitters also rely on the processing of sustainable yarns, such as cellulose. In addition, the idea of innovation is great: A lot of research is being done on technical applications."

Hub for innovation

One place for such new developments is the Swedish textile college in Borås. The university offers courses in textile technology and design

Warp & Circular Knitting - Embroidery

and is also strong in research and development. Two circular knitting machines from Mayer & Cie. are part of the equipment: A Relanit 0.8 and an OVJA 1.6 EE are knitting in Borås in southern Sweden. "Both machines offer a wide range of options, also with regard to the yarns that can be processed on the circular knitting machines," says Thomas Zizmann.

Added Value Through Addition

'ADDITIVE MANUFACTURING IN THE TEXTILE INDUSTRY' SYMPOSIUM SHOWS NEW WAYS TO NEW PRODUCTS, 17.11.2022 IN OBERTSHAUSEN



Additive manufacturing already enables completely new product solutions in many sectors, including the textile industry. The combination of 3D printing technology and textiles in particular is opening up

previously unknown opportunities, including the ability to create both individual looks as well as specific functionalities.

Additive manufacturing and its potentials for the textile industry are

set to be the focal points of the 'Additive Manufacturing in the Textile Industry' symposium, which for years has been organised by the KARL MAYER GROUP in cooperation with the textile research institutes



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Sächsisches Textilforschungsinstitut e.V. and Textilforschungsinstitut Thüringen-Vogtland e.V. The event will be showcasing the innovative production methods along with their applications in research and industry from various different perspectives.

The countdown to the event on 17 November 2022 is now on, with the fifth symposium on additive manufacturing taking place in the company headquarters of KARL MAYER GROUP in Obertshausen once again. KARL MAYER co-organiser Michael Kieren is looking forward to a broad exchange of information



between designers, technology experts and product developers alike. "3D printing allows us to completely rethink our whole approach to textile product design. The world of sportswear is already showing us what strides can be made, with mass-produced articles complete with 3D-printed branding and functional elements already firmly established in this domain," notes the expert. Symposium guests can already look forward to a very special innovation in the form of a technological solution for combining textile manufacturing with 3D printing in the roll-to-roll process. This new

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development already enjoyed a successful premiere at the Techtexil Trade Fair in Frankfurt am Main. In addition to the live demonstration of the inline 3D printer, guests can enjoy an exciting guided tour of KARL MAYER and exclusive technical lectures, including presentations by 3D printer manufacturers and companies that already work with additive manufacturing processes. The presentations involve the latest developments in FDM, dispenser, SLA, TFP, and inline processes and materials, as well as applications for auxetic textiles, privacy cover and fashion.

Saving Energy Through Warp Knitting

INDEPENDENT STUDY BY GHERZI SHOWS: WARP KNITTING CONSUMES SIGNIFICANTLY LESS ENERGY THAN WEAVING



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24 October 2022

The warp knitting technology is not only one of the most efficient, but also an extremely environmentally friendly technology of textile production. Especially in comparison with weaving, it shows clear advantages. In the Chinese industrial city of Shengze, for example, a rescue program for Lake Tai Hu in 2018 included replacing many of the more than 100,000 waterjet weaving machines installed there with warp knitting machines to curb the harmful discharge of wastewater into the drinking water source for several million people. The district and city government of Wujiang Shengze received support from KARL MAYER for this project.

The world's leading warp knitting machine manufacturer continues to focus on the ecological advantages of warp knitting over weaving. Only recently, it arranged for a comparative energy consumption study to be carried out by the independent consulting firm Gherzi. The results were already available at the beginning of this year, but are gaining in explosive power now: the possible savings in electricity are not only remarkable in terms of CO₂ emissions, but also a real cost advantage in view of exploding energy prices. Ulrike Schlenker from my TEXTILE NEWS wanted to know more about the study and asked Christof Naier, President of KARL MAYER's Warp Knitting Business Unit.

US: There are many electricity consumers in warp knitting and weaving mills, and they are globally positioned. How did you set the framework for the energy con-

sumption study?

CF: We set clear process engineering limits. The study focused on warp preparation, the actual surface production as the main process, and the design of the production environment required for this in terms of humidification, air conditioning and lighting. In the weaving mill, sizing, which is usually indispensable, was also taken into account. In the main process, the focus was on the use of electricity to drive motors and to generate air and water flows for the weaving machines. Energy consumption data came from different textile companies, mainly based in India due to corona-related travel restrictions. In addition, we and other European textile machinery manufacturers provided input from internal performance measurements. From the data, the amount of energy required per m² was determined for the comparison.

US: Which textile items were you looking at?

CN: For the study, we selected four product categories that are representative of both technologies. These were terry fabrics made of cotton, and linings, curtains and trouser fabrics each made of polyester or polyamide. In particular, warp knitted 4-way stretch apparel fabrics are currently in great demand. Elastic, crease-resistant and easy-care, they meet the trend for comfort and convenience when worn and washed. The considered warp knitted and woven articles had comparable fabric parameters.

US: What were the results of the comparison of consumption data in

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the production of the goods?

CN: For warp preparation, fabric production and setting of the ambient parameters, significantly less electricity is required overall in the warp knitting mill than in the weaving mill. This applies to all product categories. Particularly large differences can be seen in the energy expenditures for the main process, i.e. for pure machine operation. These are particularly well suited for technology comparison, as they are independent of location and therefore the same in all countries. In terms of product groups, the advantage of warp knitting over weaving is greatest in the production of trouser fabrics. For the production of apparel textiles, warp knitting machines require only about one tenth of the energy consumed by weaving machines. In absolute terms, the potential electricity saving is 0.57 kWh/m².

US: What are the ecological savings potentials behind this figure?

CN: The positive effects on the environmental balance sheet, but also on the cost balance sheet, can best be illustrated by an example. An Indian company with 400 air-jet weaving machines and an average daily production of around 134,000 m² of these textiles can reduce its CO₂ emissions by around 55 t per day by switching technology to warp knitting - with CO₂ emissions of 725 g/kWh in India in 2019. /1/ Coal-fired power generation dominates the country's energy mix. In addition to less environmental impact, there are also lower electricity costs. At a price of 0.104 US dollars per kWh at the end of 2021, the savings poten-

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tial is around 8,000 US dollars per day. Today, this amount is likely to be much higher. /2/ In addition, the previous output can be achieved with far fewer machines. With a 14-fold increase in daily production, 27



warp knitting machines can replace the previous 400 looms. /3/ Smaller machinery fleet requires less space and personnel. These are also significant advantages. Of course, a change in technology requires con-

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sideration of other aspects. Against the background of rising energy costs, however, it is to be expected that the importance of energy consumption in the choice of production technologies will increase.

Groz-Beckert on Site At India ITME 2022

ALBSTADT, GERMANY / NOIDA, INDIA: THE 11TH INDIA ITME WILL TAKE PLACE FROM DECEMBER 8.- 13., 2022, IN NOIDA, INDIA. OVER 1,800 EXHIBITORS AND MORE THAN 150,000 TRADE VISITORS FROM THE TEXTILE AND APPAREL INDUSTRY FROM ALL OVER THE WORLD ARE EXPECTED. GROZ-BECKERT WILL BE PRESENTING INNOVATIONS FROM ITS VARIOUS PRODUCT AREAS. IN HALL 14 AT STAND A4B3 IN THE INDIA EXPOSITION MART LTD, GROZ-BECKERT WILL BE WELCOMING GUESTS ON SITE.G

GROZ-BECKERT

India ITME takes place every four years and is the ideal technology platform for forward-looking innovations in the textile world. At the 11th edition of India ITME, exhibitors will be presenting their highlights from research and development across 15 halls – including Groz-Beckert.

The Knitting Product Division will be presenting several new products at India ITME: Among them the SAN™ SF staple fiber needle and the SNK SF staple fiber sinker, which are specially designed for use on large circular knitting machines. The division will also be exhibiting the SAN™ TT for application-related use in the field of technical textiles for flat knitting machines, as well as a needle which enables the advance into new dimensions of gauge in the flat knitting sector.

Groz-Beckert will also be demonstrating its competence as a system supplier in the field of warp knitting at the India ITME. The warp knitting machine needles and sys-

tem parts from Groz-Beckert are precisely matched to one another and achieve a uniform and flawless warp knitting process.

With the WarpMasterPlus and the KnotMaster, the Weaving product division presents the latest generation of drawing-in and knotting machines from Groz-Beckert. They are particularly distinguished by their ease of operation and flexibility.

The product area Felting (Nonwovens) presents its product and service highlights for the nonwovens industry. These include the HyTec P jet strip for spunlace customers as well as the GEBECON felting needle, the dur needle, EcoStar felting needle and the Groz-Beckert customer product. The HyTec P-nozzle strip is characterized by improved handling and higher hardness. The patented GEBECON felting needle offers an improved surface finish and optimized breakage bending properties.

The Carding product area will present its further developments for

the spinning industry. These include the new stationary flat series, the TV56 revolving top and the cylinder wire set with special tooth geometry. The new stationary flat series is characterized by an innovative tooth geometry and a new type of tooth distribution. The new TV56 revolving top with its new setting pattern and 560 points per square inch is particularly easy to clean. The improved cylinder wire convinces with its special and patented tooth shape, which has a positive effect on the maintenance effort. This makes it particularly suitable for quality-oriented cotton spinning mills producing high-quality yarns. Visitors can also look forward to the new InLine card clothing series for the nonwovens sector.

In the Sewing exhibition area, the focus is on technical textiles – in particular the manufacture of car seats. The answer to the high demands of sewing car seats is the special application needle SAN® 5.2 from Groz-Beckert. The special



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geometry gives it sufficient stability. The double groove at the point improves thread guidance and leads to a uniform seam pattern, especially in multidirectional sewing processes. The scarf chamfer on both sides of the needle prevent

skipped stitches and optimize loop formation. The wear protection is increased by the titanium nitride coating GEBEDUR. In addition, the quality management INH will be exhibited and the functions and contents of the customer portal will be

Terrot News

2022 is promising to become a very special year in the long and extraordinary history of Terrot. Not only the company celebrates its 160th anniversary, it is also expecting to produce more machines under Terrot and the recently incorporated Pilotelli brand, at its headquarter in Chemnitz, Saxony as at any time before. After a severe crisis in 2019/2020 amplified by an early hit of the Covid-19 pandemic and a growth of almost 50% in 2021, 2022 is looking so far like a comparably successful year, with an order book growth beyond 500 machines in the first 9 months and a pipeline amounting to almost the same volume, providing projects for 2023 and 2024.

Whereas 2020 was dominated by single jersey machines, 2021 and the current year are mainly characterized by high demand in home textiles, mattresses and the sportswear sector, for both mechanical and electronical machines. It is important to point out, that all this has been achieved despite problems with supply chains leading to delays, highest prices for commodities, raw materials and parts, in particular electronic like semiconductors, as well as transportation and lately sky rocketing energy costs

that stretched us as probably many others to the breaking point. All this would not have been possible without our staff that invests everyday all their passion in catering for the needs of our sophisticated clients and of course continuously strong demand for many blockbuster machines offering unique structure options, like our wide-ranging I3P family. But most of all we would like to thank world's leading textile companies and garment producers who put trust in the highest quality, productivity and flexibility of our machines. We very much value the partnerships that have evolved out of client supplier relations over the years and decades.

Despite the uncertainties deriving from the ongoing war in Ukraine and other geopolitical threads the demand remains stable in most of the regions. We are observing any new developments with great caution and expect that further growth impulses will demand a termination of the above mentioned conflicts. A continuous increase in demand for premium machines as well as an ongoing transformation processes in the textile sector, characterized by a growing share of knitted fabrics, digitization and sustainability issues enable us to develop from a

Warp & Circular Knitting - Embroidery

presented.

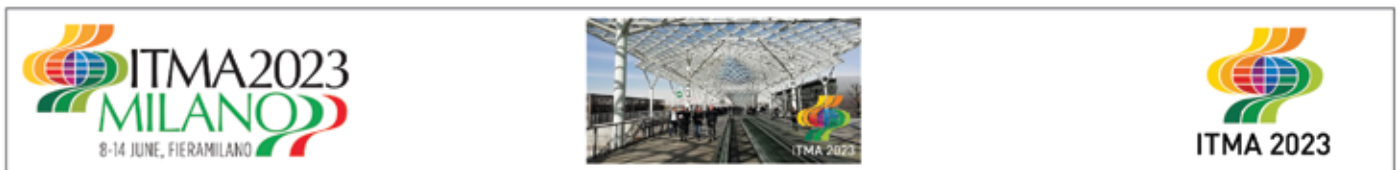
Further innovations, new products and services await visitors to the Groz-Beckert stand during India ITME – live on site in Noida.



machine manufacturer into a comprehensive solution providing partner to our existing and future customers.

From standardized machines for serial requirements to highly customized for special designs and structures, we therefore offer the widest range of machine types for high-quality knitted fabrics in a variety of gauges and realize a truly flexible customer-centric approach. Moreover our machines easily fit into smart factories by providing a fully interoperable "network user interface". A remote service possibility and a newly developed trouble shooting assistance software mark our progress into the digitized era.

Terrot is successfully selling machines into more than 100 countries around the world. A network of over 50 qualified sales agencies guarantees the close contact to the customers and supports them by



new textile horizons.



- FACV-4
Outerwear,
Homewear
- UCC 594-M
Mattress,
Home Textiles
- UCC 566-ME
Mattress,
Home Textiles
- I 2108
Outerwear,
Technical Textiles
- JVCE-4
Fashion,
Sportswear
- I3P 154
Leisurewear,
Underwear
- I3P 196
Sportswear,
Underwear
- JSP5-4
Home Textiles,
Fashion
- UCC 572-T
Sportswear, Leisurewear,
Technical Textiles
- UP 472
Sportswear,
Swimwear
- JV-3.0 High Speed
Fashion, Technical Textiles,
Automotive
- S 296-1
Fashion, Technical Textiles,
Automotive

welcome

Whatever challenge you face, the flexibility of Terrot machines lets you reach unmatched textile horizons!

Discover our innovations and state-of-the-art product range from 1st - 4th December 2022, at IGATEX Pakistan.



USMAN IMRAN INDUSTRIAL SERVICES



Together with UiiS (USMAN IMRAN INDUSTRIAL SERVICES) we are very much looking forward to seeing you at our booth Hall 1, Booth 1-173.

More information:



SCAN ME



Instagram



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servicing on the existing as well as implementing and installing new machines and responding to their spare part needs. Our main markets are India, Uzbekistan and Turkey. But we also distribute a large quantity of machines to Europe, Asia and Latin America which guarantees a well-balanced sales performance and avoids cluster risks. The past year has seen also changes in the shareholding structure of the company with the managing directors, Mr Robert Czajkowski as the CEO, and Mr Dirk Lange, who joined

Terrot in 2020 moving up to becoming managing partners, not only ensuring continuity for the years to come but also emphasizing the owner-managed tradition of this German machine manufacturer.

New developments in the single and double jersey sector, consisting of premium high efficiency machines with outstanding performance, maintenance and operating cost KPI's as well as general improvements on our existing equipment are on the way. With new investments in machinery, software and

Warp & Circular Knitting - Embroidery

process optimization in the production and the set-up of a new R&D entity that is aiming to serve as an agile hub for co-operations with innovative companies and research institutes around the world. By this we are looking forward to exploring new developments in areas of robotics, environmental technologies or textile software and are embracing limitless opportunities lying ahead of us. With our clients we aim to explore the new horizons that this industry offers in the decades to come.

WE ARE VERY MUCH LOOKING FORWARD TO PRESENTING OUR PRODUCTS AND SERVICES AGAIN TO A WIDER AUDIENCE AT THE IGATEX. TOGETHER WITH UIIS (USMAN IMRAN INDUSTRIAL SERVICES) WE ARE LOOKING FORWARD TO SEEING YOU AT OUR BOOTH HALL 1, BOOTH 1-161.



Terrot GmbH

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How it works | The Waste ribbon winder on rapier weaving machines

Want to know how you can handle bulky waste ribbons on Picanol rapier machines when weaving industrial fabrics? Check out this new "How it works" video in which Lieven Beke, our Marketing and Product Manager, explains how the

Waste ribbon winder is able to handle up to 4 times more waste! This significantly reduces the frequency with which you need to remove the waste from the machine. Moreover, the waste ribbon winder has a built-in sensor to detect a full waste

coil and it can be equipped with an additional waste ribbon detection to detect the waste ribbon movement. As such, with the waste ribbon winder, you can minimize the number of operator interventions!

Extensive Vandewiele range at ITME 2022

REFLECTING INDIA'S IMPORTANCE AS A MARKET TO THE GROUP.



The digital control of pile yarns with an active yarn feed allows the development of high definition tufted carpets in eight colours.

15th November 2022
Vandewiele Savio India has a corpo-

rate office in Coimbatore employing 250 people and further sales and

service offices in Coimbatore, Ludhiana, Ahmedabad, Kolhapur and

Biancalani
TEXTILE MACHINERY

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Thane covering its entire product range and illustrating the importance of India to the group.

Among technologies to be highlighted at the forthcoming ITME 2022 textile machinery show which takes place at the India Exposition Mart in Noida, Uttar Pradesh, from December 8-13, are the Bonas Ji and JiL jacquard ranges which already dominate in the Surat region,

India's centre of sari weaving. The latest development in this range, the JiXXL, characterised by reliability, high productivity, maximum flexibility and low energy consumption, will be on display at ITME India for the first time. Vandewiele will also display carpet samples produced on the digitally controlled RCF carpet weaving machine, as well as cut-loop machines

and specific machines for weaving light carpets. With the RCF, the digital control of yarns allows the development of new qualities and yarn waste can be reduced at the highest production speeds. Combinations of cut pile carpets with flatweave, as well as sisal look carpets will also be presented. In tufting, the digital control of pile



Savio is launching the new Proxima Smartconer automatic winder at ITME ahead of ITMA in Milan next year.

yarns with an active yarn feed allows the development of high definition Colortec 1/10-inch tufting carpet in eight colours or 1/7-inch gauge competing with traditional Axminster carpets.

Savio is launching the new Proxima

Smartconer automatic winder in India ahead of ITMA in Milan in June 2023, and Bejamac will show a new singeing machine in response to the growing demand for knitwear singeing.

For woven fabrics, the company

will outline its latest developments for substantially reducing gas consumption in high intensity singeing and in addition, the new ATSH autonomous carpet shearing machine will be introduced.

Superba is now offering the new

DHS3 triple-layer heat-setting machine which provides an unequalled level of evenness and a highly homogenous fixation to the yarn, as

well as stain resistance or enhanced bulk. The DHS3 line allows for high energy savings and a reduced floor-space requirement.

All Vandewiele machines can be connected through cloud computing to the company's TEXconnect remote supervision system.

New features available on PicConnect



We are excited to announce that some new features have been released on PicConnect, our online platform offering digital services. Firstly, the Action center application has been introduced in PicConnect. The action center allows you to design, execute, and monitor a maintenance plan for your Picanol machines. You can find a complete overview of all upcoming jobs in PicConnect and the logbook gives you a summary of everything that has happened on the machine in the past.

Furthermore, the Production monitoring application has been expanded: you can now monitor the status of your warp beams and the progress of the orders that are woven. This data can be leveraged to ensure that the next warp beam or order is lined up to minimize downtime. Another new feature is the ability to export production and energy monitoring data out of PicConnect. This enables integration between PicConnect and third-party systems, such as your ERP system.

Lastly, machine temperatures are now also centrally available in PicConnect under the energy monitoring application, as well as the ambient temperature and humidity, which are measured on the machine. This allows you to better understand the climate throughout your weaving mill. You can read more about these functionalities via the following link: <https://www.picanol.be/machines-features/picconnect>

ITMA 2023
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REQUEST YOUR ACCESS

Are you interested in getting access to PicConnect? If so, then please contact your local After Market Sales Representative who will explain to you in detail what this can

mean for your weaving mill. Every Picanol customer enjoys free access to the PartsLine webshop* and a basic version of the style administration application and the file management system.

*Access to our PartsLine webshop depends on the country you are located in, so please contact your local After Market Sales Representative for more information.



ITME INDIA 2022

VANDEWIELE SAVIO team is delighted to welcome its customers again on the next edition of the ITME exhibition, in New Delhi INDIA.

TEXTILE SOLUTIONS TOGETHER VANDEWIELE SAVIO has always acted as technological leader and innovative player in the textile machinery industry.

Innovation technology and customer centricity are our drivers for developing new products. Our innovations aim to impact on the cus-

tomers' value chain; we want to be together as partners and offer not only innovative products, but also our expertise and solutions able to satisfy customer needs. TEXTILE SOLUTIONS TOGETHER is our philosophy and summarizes our customer-oriented approach.

The merger of the Group activities has resulted in a wide range of synergies in the service, care solutions and developments, with benefits for the customers. VANDEWIELE-SAVIO

INDIA is ready to provide the region with high class Textile machines with cost effectiveness and the best support.

With its corporate office located at Coimbatore with a strength of about 250 people and sales and service offices at Coimbatore, Ludhiana, Ahmedabad, Kolhapur and Thane covering the whole product range of the group.

This will enforce the support and strength towards our Indian cus-

KERN-LIEBERS

KNITTING PARTS

Hugo Kern und Liebers GmbH & Co. KG
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Phone: +49 (0) 7422 . 511 -0
E-Mail: info@kern-liebers.com



tomers and increase our customer centricity.

Bonas, absolute market leader, comes with yet another innovation in Jacquard technology. As markets are rapidly changing, future proof digital machines, with maximum weaving design flexibility, are paramount. The Bonas Ji and JiL range already dominates the Surat region, the center of saree weaving. The newest development in this range, the JiXXL, will be on display at ITME India for the first time and is ready to join this path of great success. Reliability, high productivity, high efficiency, maximum flexibility is now possible with the lowest energy consumption.

Apart from many traditionally woven carpets on the RCE+ carpet weaving machine, Vandewiele will also promote the digitally controlled RCF machine with Fast Creel, cut-loop machines, and specific machines for weaving light carpets. All will be illustrated by carpet samples.

The digital control of yarns allows the development of new qualities, a higher production efficiency and a closer follow-up of the machine park. Yarn waste is reduced at the highest production speed. Combinations of cut pile carpets with flatweave as well as sisal look carpets will be presented.

Naturally, also the highest carpet qualities in reed 1000 d/m 10 colours, 1200 d/m and 1500 d/m with up to 5.000.000 points/m² will be shown.

In tufting, the digital control of pile yarns (active yarn feed, also called IPD) has allowed Vandewiele the

development of high definition Colortec 1/10" tufting carpet in 8 colours – or 1/7" gauge, competing with the traditional Axminster carpets. But also, solutions for plain carpets, artificial grass and our Myriad machines for tiles and other applications will be highlighted.

Savio is launching the newest SAVIO automatic winder Proxima Smartconer® in a roadmap that will start in India in Dec. 2022 and will land in ITMA MILAN in June 2023.

The new winding machine Proxima Smartconer® is setting the benchmark in Savio automatic winding.

We have combined the name Proxima with Smartconer®: it stands for a high-tech winding machine, capable of perfectly adapting to demands of Connectivity, Industry 4.0 and Industrial Internet of Things.

Thanks to the innovations, spinners will get a machine featuring high-tech capabilities, for a design with a strong focus on the main benefits for customer's competitive advantage: high productivity, low energy consumption, premium yarn quality, automation, and data connectivity.

On BEJIMAC side, a new singeing machine for knitwear was developed focusing on highest quality levels of singeing, operational flexibility and economy, as well as tension-free fabric transport through the machine. This new product targets strongly growing demand in knitwear singeing.

With respect to woven fabrics, we will also be proud to present you the new developments made in order to substantially reduce the gas consumption while offering high in-

tensity singeing.

For towels shearing, you will be interested to see how BEJIMAC is coming back to its leader position! For carpets we are happy to present our new autonomous shearing machine, the ATSH. This machine is an example of our capacity to listen to our customers needs by developing new technologies reducing our customer dependency on qualified operators.

Superba, already the leader in heat-setting with saturated steam under pressure thanks to their well-known TVP3, is now offering their hot-air heat-setting solution.

This triple-layer heat-setting process provides an unequaled level of evenness and a highly homogenous fixation characteristic to the yarn, as well as stain resistance or enhanced bulk. The DHS3 line offers a high energy saving process in a reduced floor-space.

To complete their range, SUPERBA is also introducing their B403 automatic winder.

All the Vandewiele machines can be connected through cloud computing to the "TEXconnect" supervision system to comply with the Factory 4.0 concept.

Our customers have the capacities to develop designs and create real art. Therefore, we are also looking forward in exchanging ideas with them. Let this ITME exhibition be a meeting point for everyone in the textile business: weather active in weaving, tufting, yarn extrusion, heat setting or finishing.



Switzerland's Uster Technologies to participate in India ITME 2022



Pic: Uster Technologies

Uster Technologies, a Swiss manufacturer of analytical instruments and on-line monitoring systems for the textile industry, is set to participate in the India International Textile Machinery Exhibition (ITME) 2022. The company has announced that its staff will be discussing ideas like the pareto method in detail at the upcoming event that is going to be held at the India Exposition Mart Ltd, Noida, from December 8–13, 2022.

“In Hall 9, visitors would be able to quickly recognise the booth C5 from distinctive white and red design. Uster looks forward to being

the host for visitors at the upcoming show in India,” the company said in a media release.

Based on the fact that profitability is a basic requirement for spinners, Uster Technologies has examined contamination-controlled spinning from the viewpoint of one such well-known concept – the Pareto Principle – and has assessed its validity in a yarn production environment.

In the late 19th century, Italian economist Vilfredo Pareto made the initial observations on which the Pareto Principle is based. Also

known as the 80-20 rule, it suggests that in many cases only 20 per cent of the effort put in will account for 80 per cent of the result. This imbalance between input and output has been used in business to choose priorities and focus on the most effective areas to bring the greatest reward. Although not a hard-and-fast rule, the Pareto Principle can help to increase productivity and efficiency in industrial settings.

Specifically, it can be applied to determine ‘best practice’ in some elements of spinning when focused on contamination control.

USTER®
Think quality

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TEXTILE TESTING

Experienced spinners know that contamination control in the blowroom exactly follows this principle. Correct positioning of the fibre cleaning system – at the point where the fibres are most open – is crucial. Contaminants might otherwise be hidden inside bigger tufts, but not with Uster Jossi Vision Shield at the fibre opening stage.

Uster Jossi Vision Shield is backed by 20 years' experience. Conventional camera-based systems cannot match its performance. Operating across a much greater wavelength, Uster's spectrometers can find contamination even within the 'invisible' range of IR and UV light. Fragments of contamination in light pastel colours and white also pose no problem.

Any remaining contamination or defects will then be identified and removed by the final-stage check at the Quantum 4.0 yarn clearers, which will ensure the yarn meets customer requirements. The good news for spinners wondering about capacitive or optical clearing for a new production line, or for retrofit, is that Uster Quantum 4.0 has both capacitive and optical sensors,



applicable to different yarns and changing conditions.

The second part of the Pareto concept – that the 'other' 20 per cent of the results require 80 per cent of the effort, does not actually apply for contamination-controlled yarn production. The principle here is 'managing remaining contaminants in yarns at minimum possible cost' – and the solution is total contamination control (TCC), which achieves far more than any 20/80 correlation. Total contamination control means precisely controlled contamination levels in yarns, with minimum waste as an integrated solution, the release added.

Total contamination control balances ejections in the blowroom along with cuts in winding in the most advanced way. Uster Jossi Vision Shield and Uster Quantum 4.0 are two perfectly linked systems in the production process, minimising the risk of foreign matter quality issues and focusing on defined quality and profitability.

"TCC is an Uster value module with quality expert, which also reveals optimisation potential to save costs.

Textile Times November Edition 2022

Data from Uster Jossi Vision Shield and Uster Quantum 4.0 combined with Uster's long experience in contamination control, answer the following key questions in practice. What is the right level of contamination removal? How does fibre cleaning and yarn clearing achieve consistent levels of contamination that will satisfy the customer requirements? And how does it prevent waste of good material?" the release further added.

Uster's preventive yarn clearing solution follows its own rules: preventive means that there is no 20 per cent or anything remaining needing extra effort, but there is security. The new combined clearing and enhanced detection modes protect yarn quality while reducing cuts at the same time.

Furthermore, disturbing defects cannot pass, so that issues in downstream processes are prevented. Upstream, connectivity to Uster's quality management platform contributes to 'preventive yarn clearing.' Perhaps preventive yarn clearing could be called a 100/0 rule, said Uster in the release.

Germany's trinamiX enables on-site identification and sorting of textile materials

trinamiX, a Germany-based provider of mobile spectroscopy, has announced to now enable flexible on-site identification of textiles.

With trinamiX's Mobile NIR Spectroscopy Solution, more than 15

textile types and compositions can now be identified and thus better sorted. Even pieces made of material blends can easily be determined without damaging the material, as claimed by the company.

The solution includes hardware with intelligent data analysis, an app for fast results, and a customer portal where in-depth analyses and reports can be created.

trinamiX thus opens up new ways

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for customers from the textile industry to exploit additional potential in the field of textile recycling. “We are convinced that innovative solutions like ours make an important contribution towards a circular textile economy,” explained Adrian Vogel, Business Development Manager at trinamiX GmbH, adding, “Sorting is a key requirement for recycling and is largely done manually. Even experienced sorters cannot tell the difference between, for example, nylon 6 and nylon 6.6 just by looking at it or feeling it. This is where the handheld solution from trinamiX provides clarity.” The solution supports a wide range of common textile grades used in clothing, furniture and household goods like acrylic, cotton, nylon 6/6.6, polytrimethylene terephthalate (PTT), polyester, polypropylene

(PP), silk, sisal, viscose and wool. Textiles made from more than one material can also be identified, according to trinamiX, which includes blends based on acrylic, cotton, nylon, polyester, silk or wool. For the special requirements of recycling carpets, trinamiX has developed a dedicated application. It supports all common textile and plastic types used in carpets such as nylon 6 and nylon 6.6, polyacrylonitrile (PAN), polyethylene terephthalate (PET), polypropylene



(PP), polytrimethylene terephthalate (PTT) and wool. The carpet application is the first one within trinamiX’s Mobile NIR Spectroscopy Solution to work offline. This means that the identification Page 2 of 2 of carpet materials can be carried out when there is no connection to the internet. The data is evaluated and stored directly on the device and smartphone.

- ISO 9001:2015
- ISO 14001:2015
- ISO 45001:2018
- ISO 50001
- FSC
- ISO 13485
- CE MARKING
- BSCI
- SEDEX/SMETA
- FSMS
- FSSC 22000
- BRC
- ISO 22000
- LEAD AUDITOR TRAININGS
- ISO 9001:2015
- ISO 45001:2018
- ISO 50001
- ISO 14001:2015

- PPE (TESTING & CERTIFICATION)
- ECO PASSPORT
- DETOX TO ZERO

C2C CERTIFICATION

- GOTS**
(GLOBAL ORGANIC TEXTILE STANDARD)
- OCs**
(ORGANIC CONTENT STANDARD)
- GRS**
(GLOBAL RECYCLED STANDARD)
- RCS**
(RECYCLED CLAIM STANDARD)

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Trade delegation follows Monforts success in Turkmenistan

MONFORTS HAS SUPPLIED SEVEN COMPLETE FINISHING MACHINE RANGES TO TURKMENISTAN COMPANY COTAM, AS THE CENTRAL ASIAN COUNTRY LOOKS TO BOOST ITS PRODUCTION OF COTTON YARNS AND FABRICS VIA AN AMBITIOUS TEXTILE INDUSTRY MODERNISATION PLAN.



Around 80% of Turkmenistan's production of textiles and garments is currently exported, with a value of \$350 million in 2020. This is now expected to rise to \$450 million by 2023.

In addition to expanding in cotton yarns and fabrics, the country is also looking to enter other textile markets, including nonwovens, carpets and absorbent hygiene products, and negotiations are currently underway between the Turkmenistan Ministry of Textile Industry and the Korean Institute of Industrial Technologies to also commence manu-

facturing synthetic fibres from polymers.

In 2021, a new textile complex was opened by state-owned textile manufacturer Cotam in the city of Kaka, which is aiming to produce 3,650 tons of yarn, 12 million square metres of different types of fabrics and 1.2 million tons of finished products annually, with the creation of 1,300 new jobs.

Cotam now has two separate manufacturing sites at Babadayhan and Kaka, both of which have now been equipped with Monforts technologies built at the company's plant in

St Stefan in Austria. They have been erected and commissioned to the full satisfaction of the customer by Monforts' regional representative Neotek.

Cotam supplies finished fabrics to both the apparel and home textiles markets and at its Babadayhan plant is now operating two Montex stenter lines and a Monfortex sanforizing line. At its new Kaka plant, the company has also installed two Montex stenter lines, as well as a Thermex universal hotflue for continuous dyeing and curing.



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Monforts at ITME 2022, as Indian textile market booms

THE 2022 ITME TEXTILE MACHINERY SHOW WHICH TAKES PLACE AT THE INDIA EXPOSITION MART IN NOIDA, UTTAR PRADESH, FROM DECEMBER 8-13 IS A TIMELY EVENT FOR THE INDUSTRY.



India recorded its highest-ever textile and apparel exports worth US\$44.4 billion in the year to the end of March 2022, up 41% on the previous year. In parallel, the country's government has also announced the new \$4 million Textile Technology Development Scheme to support textile machinery technology investments and upgrades. At the exhibition in Noida, Monforts and its national representative A.T.E. Group will provide the latest information on an extensive range of finishing technologies. Econtrol® is a pad-dry process em-

ployed in Monforts continuous dyeing. With reactive dyes for 100% cotton or the Econtrol® T-CA solution of combined reactive and disperse dyes in particular, the improvement in both dyed fabric quality and dye fixation is considerable, and with significant savings in energy and time due to the combined bleaching and padder fixation. Monforts machines are known for their robustness and long service life, but the retrofitting of specific modules with new control and drive technology – going far beyond the basic replacement of spare parts –

can also have a significant impact on the performance of an existing line. This is especially the case in achieving further energy savings. The company's universal Energy Tower, for example – a flexible, free-standing air/air heat exchanger for recovering the heat from the exhaust air flow of thermal processes – can result in an up to 30% reduction in the energy consumed by a line, depending on the controlled exhaust air volume and operating temperature. Looking at the CDR/Econtrol® dyeing ranges, this solution leads customers to a more sus-



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marketing@monforts.de
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tainable and efficient dye process. The Monforts Eco Booster, which is completely integrated into the chamber design of the latest Montex stenter, is another retrofitting option. This single state-of-the-art heat recovery system with automatic cleaning can be added to existing ranges of up to eight chambers to achieve significant energy savings. Monforts also offers the conversion of existing machines to various heating combinations such as gas/steam, gas/oil, electric/steam or gas/gas. In view of the global energy crisis, this offers important alternatives for the energy-intensive

textile finishing industry. "India is a major market for us, and we have long-standing relationships of mutual trust with many of the leading textile manufacturers, who appreciate our ongoing service programmes," says Monforts Sales Director SEA, Hans Wroblowski. "Among our recent installations in the country, we have provided new lines to companies including Arvind, Auro Textiles, Birla Century, Himatsingka, Nahar, Nitin, Premier Fine Linens and Vardhman. "As our representative in India, A.T.E. has proved the perfect partner in installing and commissioning

Monforts machines, with its service team working side by side with our own engineers to ensure the machines fully meet every customer expectation. India will always be a major market for Monforts, and we will continue to develop our machine programme based on the always-valuable feedback from our Indian customers. We are looking forward to reconnecting with many of them, and to welcome visitors to our stand at ITME in Noida this December."



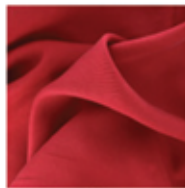
Autumn Winter 23/24: Biancalani textile forecasts

Man-made cellulosic fibers are totally back in fashion next year, as stated by AW 23/24 fashion forecast. Lyocell, modal, cupro and viscose will be the textile version of a tripartite trend boasting freedom, change and care as its pillars. After the tumult started in 2020 and in an era of uncertainty, both companies and consumers need a certain amount of freedom as they

move forward. As per textiles, freedom will come in a sort of fluidity and variation of materials. As per change, it will all be about the ability of companies to quickly adapt to new ways of designing, making and selling. Besides, as inclusivity and sustainability are long-term trends that don't seem to be fading away and as consumers look for items bringing a soothing and

healing sense of protection to their everyday life, care for fibers will absolutely be a must for the textile world. Now, with that said, let's get to how man-made cellulosic fibers can be treated in order to reflect these textile forecasts. As there is nothing accidental or improvised about the textile business, to have expertise in the field of man-made cellulosic fibers can obviously make

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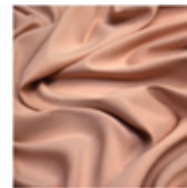
Lyocell



Modal



Cupro

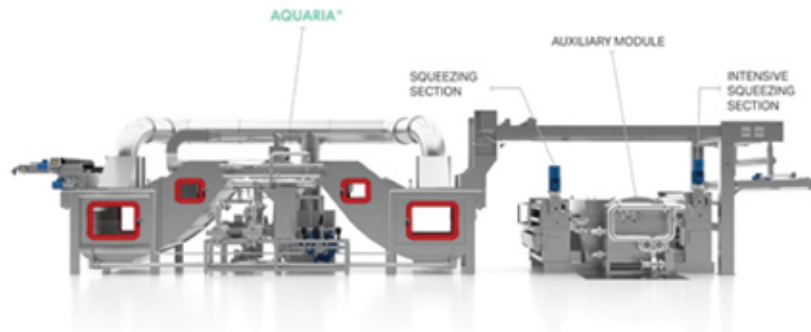


Viscose

the difference. Since decades, Biancalani Textile Machinery has been collaborating with some of the big-

gest producers of cellulosic fibers. Biancalani R&D has been working closely with them in order to devel-

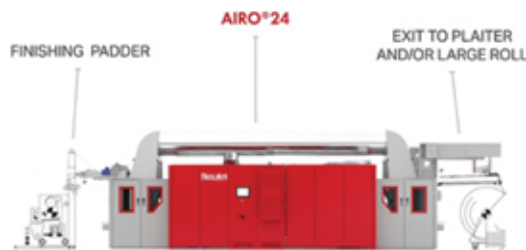
op treatments that have become fundamentals and optimizers of the production processes.



The same tripartite nature is what characterizes the ideal solutions for man-made cellulosic fibers finishing: AQUARIA®, AIRO® and AIRO®24 by Biancalani. Let's start from the ultimate details that make AQUARIA® the ideal option for textile washing: a combination of long dwelling time and mechanical action you've never seen before, in a space so much smaller than the al-

ready existing lines. Fashion trends are precisely hinting at special washing process for equally special final results and effects. The washing and drying processes characterized by a strong mechanical action are what make AIRO® the all-in-one textile machine to perform special treatments like fibrillation, defibrillation and enzymes, already well-known and iconic. That is the lat-

est, major trend for next year and Biancalani has already tested those treatments profusely. Finally, the ultimate performances are reached precisely by one of the evolution of AIRO®, AIRO®24, the original dryer for continuous and open-width tumbling treatments with high production capacity and real flexibility. A certainty for any cellulosic or woven fiber.



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Exhibition marks 75th anniversary of Al Ameen and 40th anniversary of its cooperation with Monforts.



Monforts installation at Lucky Textile Mills in Karachi.

The forthcoming Igatex textile machinery exhibition which takes place from December 1-4 at the Lahore Expo Centre is a must-attend event for Monforts, which already has many existing customers in Pakistan relying on its trusted finishing technologies.

RECORD EXPORTS

In the year to June 2022, Pakistan's textile exports climbed by 25% to a record value of \$19.3 billion according to the country's Bureau of Statistics, as security of deliveries

– especially to Europe and the USA – worked in the country's favour, in the light of the Covid-19 pandemic and subsequent supply chain issues.

"Pakistan's textile exports were predicted to surge by a further 40% in the next year, but then came this summer's terrible floods, which have been catastrophic for the country," said Monforts Area Sales Manager Manfred Havenith. "Our hearts go out to all of those affected. In addition to the tragic loss of

life, many hundreds of thousands of homes have been damaged or destroyed, while many public health facilities, water systems and schools have been destroyed or damaged. Businesses too, have been impacted, and in our limited capacity we will be doing all we can to help our customers who may be experiencing problems."

The importance of the textile industry to Pakistan's economy cannot be overstated – it accounts for 60% of the country's overall exports and



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some of its industry's players are key role to play in quickly getting the devastation. very major employers – so it has a the country back on its feet after



For essential processes such as drying, stretching, heatsetting and coating, Montex stenters are extremely robust and versatile.

Monforts customers in the regions around the country's three biggest cities of Karachi, Lahore and Faisalabad include all of the main players in the fields of home textiles and denim production, including Afroze, Al Karam Artistic Milliners, Azgard-9, Crestex, Gul Ahmed, Interloop, Liberty Mills, Lucky Textile Mills, Mustaqim, Naveena (NDL), Rajby Industries, Sapphire Finishing, Soorty, Style Textile and US Denim.

These companies rely on established Monforts technologies including Montex stentering equip-

ment, Monfortex sanforizing units and Thermex dyeing ranges. The company's Matex Eco Applicator minimum application system has also proved a big hit in recent years.

VERSATILITY

"During Igatex we will be emphasising the robustness and versatility of the Montex stenter for essential processes such as drying, stretching, heatsetting and coating," said Havenith. "The Montex has become the industry standard for the fabric finishing industry, providing many advantages in terms of production throughput and especially in ener-

gy efficiency and savings.

"With energy prices rising steeply everywhere, features such as the MonforClean system, or the Eco-Booster, in which waste heat from the drying process is used to pre-heat the drying air, are proving more invaluable than ever. Monforts can provide a range of further resource-saving and energy recovery options tailored to each individual line installation. We look forward to fruitful discussions on how we can meet the needs of our many mill partners during Igatex."

Monforts has also achieved con-



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siderable success in Pakistan with its Econrol®* dyeing system – a most effective and established dyeing process. More than 40 Thermex continuous dyeing ranges have been installed in Pakistan in recent years and operator training on the Econrol® process by sophisticated technologists is an additional service.

The Econrol® pad-dry process has a number of immediate benefits. Compared to the common pad-dry-pad-steam process, no salt is used and no steamer is required for a separate fixation step. Compared to the pad-dry-thermofix process,

no urea is used and no smoke or deposits are generated, and unlike with the cold pad batch process, direct feedback of the dyeing results ensures no batching time is necessary and guarantees good reproducibility from the lab to bulk production.

An immediate wash off is also unnecessary, allowing for flexible production planning. The process is suitable for pale to dark shades with very good fastness properties. Also waste water treatment is improved by this technology.

ANNIVERSARY

“There is no substitute for face-to-

face conversations and our exhibitions team is greatly looking forward to meeting with customers old and new at Igatex,” said Monforts Marketing Manager Nicole Croonenbroek. “The occasion will be special, because we will be celebrating the 75th anniversary of our partner in Pakistan, Al Ameen, as well as the 40th anniversary of the cooperation between our two companies. Despite the heartbreaking hardship caused by the floods in Pakistan this summer, we will be doing all we can together to work towards a successful textile sector and hopefully a brighter 2023.”

KARL MAYER is looking forward to working with leading denim brands



GREENDYE laboratory machine in KARL MAYER's Denim R&D Center

KARL MAYER continues to be successful in the denim sector and is an important partner for the influential players in the industry. The

company is establishing relationships with leading brands and recently signed an agreement to pursue a joint project with Levi Strauss

& Co. for a more sustainable indigo dyeing process.

THE INNOVATION IN INDIGO DYEING GOES HAND IN HAND WITH SUSTAINABILITY





KARL MAYER is already with its PRODYE®-S unit a leader in the fashion market, and its PRODYE®-R is increasingly establishing in the rope dyeing process. In 2019, KARL MAYER launched at the ITMA Barcelona its GREENDYE technology. The innovation is based on nitrogen dyeing system, and its advantages include highly reduced chemical consumption, best dyeing efficiency, and significant water savings. The arguments for more sustain-

ability and economic efficiency are convincing. This year, the innovative global player NIEN HSING was the first manufacturer to invest in GREENDYE by KARL MAYER. The premiere machine will be delivered to Taiwan by end of this year.

DENIM R&D CENTER

The KARL MAYER Research & Development Center for Denim offers the opportunity to test the performance of GREENDYE by KARL MAYER on a pilot plant with individual

trials. "The customer can come to us with his yarn. We dye and warp it and process it with our Italian partners into fabrics that he can compare with his previous goods," explains Stefano Agazzi, Chief of Technology and Products at KARL MAYER. The experienced denim specialist is also on hand to answer questions and help with his extensive network.

PT. KAHATEX - highest textile quality combined with ecological and social responsibility



GREENDYE laboratory machine in KARL MAYER's Denim R&D Center The PT. KAHATEX, BRUECKNER and AGANSA (sales agency) team in front of the new BRUECKNER POWER-FRAME stenter

Largest family-run textile company in South-East Asia on the road to success worldwide with BRÜCKNER machines

PT. KAHATEX was founded in 1979 as a knitting and dyeing factory and

is today a fully integrated vertical textile company of world-wide importance. With three production sites, a turnover of US\$ 1 billion and a total workforce of more than 55,000 employees, PT KAHATEX is

one of the largest family-run textile companies in Southeast Asia. Today, the largest manufacturer of woven and circular knitted fabrics in Indonesia serves the markets in Asia, the USA and Europe with



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high-quality textiles certified according to GOTS, GRS, OCS and RCS. More than 40% of its products are exported directly to more than 80 countries worldwide. PT. KAHATEX currently develops and produces directly for world-renowned partners such as Adidas, H&M, New Balance, S.Oliver and C&A.

In addition to the large machinery park, which includes many spinning and weaving machines, PT. KAHATEX also has a large finishing and confectioning department and has first class laboratory facilities for each sector. PT. KAHATEX bought the first stenter from BRÜCKNER already in 1987 and in the course of time a total of 12 BRÜCKNER stenter frames were added.

Mr. Febri Jansen as Head of Department Finishing of P.T. KAHATEX describes the reasons for this long-term cooperation as follows: "The BRÜCKNER stenter frame is one of the best stenters in the world and we have trusted the quality of BRÜCKNER for decades. Our excellent and trustful cooperation with

the market leader from Germany is characterized by excellent service and a fast reaction to our needs. Also our customers appreciate this and expect their goods to be produced on BRÜCKNER machines."

P.T. KAHATEX attaches great importance to sustainability and ecological responsibility. In order to produce cleaner products and at the same time not to produce harmful waste, only Bluesign and Oeko-Tex approved chemicals are used in the finishing processes. PT. KAHATEX was also the first company to purchase and successfully use the so-called "Green Machine", developed by the H&M Foundation and the Hong Kong Research Institute of Textiles and Apparel (hkrita), for separating cotton-polyester blends and thus recycling polyester in textiles. PT. KAHATEX will further intensify its environmental and sustainability efforts in the coming years. The Indonesian company, which is known for the highest quality, is also at the forefront in terms of social standards, offering its employ-

ees mosques, dormitories, clinics, canteens, daily drinking water, and sports and leisure centers. Employees are protected by police-certified security guards and the company's own fire department with well-trained personnel and 5 certified fire engines.

PT. KAHATEX's social responsibility goes far beyond its own workforce and also supports local and regional initiatives and institutions, providing clean drinking water in the surrounding villages and blood donation campaigns for the benefit of local clinics.

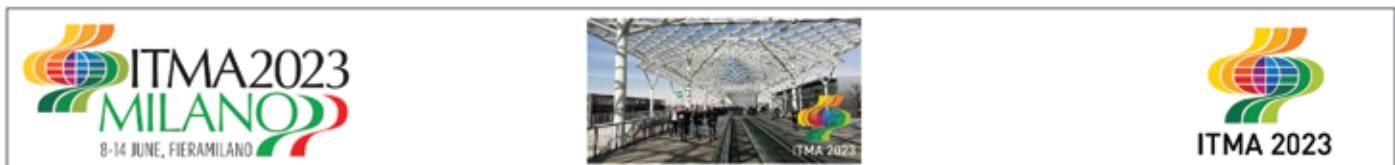
Regina Brückner, CEO of BRÜCKNER Group: "PT KAHATEX is for us a great example that textile quality in combination with ecological and social responsibility can be very successful worldwide. BRÜCKNER congratulates PT. KAHATEX for its extraordinary success and is very proud of this long-lasting cooperation!"

Jeanologia promotes Pakistan's textile transformation at Igatex with more efficient and competitive sustainable production models

- With the integration of its technologies, it promotes zero-discharge production that reduces time and costs, and increases productivity to guarantee the lowest cost per garment.
- Jeanologia is committed to the Pakistani textile industry and has been promoting hyper-automation and the environmental impact reduction of its washing processes, as well as training its professionals, for nearly 20 years.

Lahore, Pakistan. (21-11-2022). Jeanologia, a leading Spanish company in the development of eco-efficient technologies, is promoting

Pakistan's textile transformation at Igatex with more efficient and competitive sustainable production models. From December 1st to the





4th, it will display the keys to the future of Pakistan's textile manufacturing industry, based on sustainability, digitalization and automation, at the Lahore Expo Center (Hall 3-stand 130)

For Jeanologia, Pakistan is one of the world hubs for denim production and its strength is fundamentally based on verticalization, from the initial fabric to the final garment. However, according to Najam Abedi, Area Manager at Jeanologia in Pakistan, the industry needs to invest in the hyper-automation of its washing processes, as well as in sustainability and in talent to strengthen its leadership as one of the world's largest jeans producers. "The textile industry has made great strides in recent years in the search for a more sustainable future. But it is necessary to accelerate the transformation of the denim industry by focusing on agility, customer centricity, speed, productivity and eco-efficiency, involving the market in this quantum leap" - pointed out Najam Abedi.

As part of its commitment to the development and transformation of the Pakistani textile industry, Jeanologia has been present in Pakistan for nearly 20 years, promoting hyper-automation and reducing the environmental impact of its washing processes, as well as training its professionals to increase their industry know-how through collaborative efforts with Pakistani partners and clients that improve textile production.

With the integration of its laser, G2 ozone, e-flow, Smart Box, and Colorbox technologies as well as

H2Zero – the first water recycling system to achieve 100% ecological production – the company furthers zero-discharge textile production in Pakistan. This is a production model that reduces costs, shortens time-to-market to respond to market needs, and at the same time increases productivity to guarantee the lowest possible cost per garment.

Thanks to the complete integration of Jeanologia technologies, a thorough transformation of the Pakistani textile industry is possible within Jeanologia's commitment to achieve MissionZero: the elimination of 100% of the discharge generated in the manufacture and finishing of Blue Jeans. "We joined forces with the Pakistani textile industry to turn denim into the most sustainable garment on the market and a success story for other textiles" - emphasized Jeanologia's Pakistan Area Manager.

NEW OPERATIONAL MODELS

With the perfect combination of Jeanologia's hardware and software, the company continues to promote new operational models in the textile industry focused on digital production without contamination, streamlining processes and reducing costs, through eco-efficiency, creativity, digitalization and automation.

These production models provide five fundamental benefits for the textile industry: eco-efficiency, cost-neutrality, scalability, agility, and digitalization.

"Thanks to digitalization and automation, it is possible to make sustainable production scalable. We

are committed to our technologies, and to LAUNDRY 5. ZERO – the garment finishing plant that guarantees ZERØ contamination – as well as the complete automation of washing processes, from laser technology to super-automatic washers. Furthermore, we're dedicated to reducing the environmental impact of jean washing processes in order to continue positioning Pakistan's textile industry as one of the world's most competitive with a totally sustainable product". – Najam Abedi summed up.

Pakistan was a pioneer in implementing the integration of Jeanologia technologies. In fact, the first Laundry 5.Zero facility was set up in Pakistan 4 years ago, enabling efficient and environmentally friendly production.

JEANOLOGIA IN PAKISTAN

Jeanologia has been present in Pakistan and fostering change in the jean industry for almost 20 years. With the aim of offering the best service and supporting the country's businesses in their transformation towards digital, automated and sustainable production, the company has a technical service center and a Brainbox team in Pakistan which support the country's supply chain while contributing to its industry know-how.

Jeanologia works on important projects for exporters, national manufacturers, and brands in Pakistan. More than 35% of the 5 billion jeans produced worldwide each year are made with its technologies and it has become a trusted partner of the market's main brands.



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Chinese company will invest US\$ 60.85 mn at BEPZA Economic Zone



Chinese company Kaixi Lingerie Bangladesh Co. Ltd. signed an agreement with BEPZA on 8 November 2022 to set up a composite garments industry in BEPZA Economic Zone, Mirsharaj, Chattogram.

They will invest US\$ 60.85 million. Member (Investment Promotion) of BEPZA Ali Reza Mazid and Director of Kaixi Lingerie Bangladesh Mr. Xiao Hongxi signed the agreement on behalf of their respective organi-

zations. BEPZA Executive Chairman Major General Abul Kalam Mohammad Ziaur Rahman, ndc, psc along with high officials witnessed the signing ceremony.

KPR Mill: Garment production up by 13.29 per cent in H1 of FY '23

Coimbatore-based India's leading vertical integrated textile company KPR Mill Ltd. has reported 1.31 per cent higher total income in Q2 of FY '23 while its net profit reduced by 16.7 per cent compared to Q2 of FY '22.

On Y-o-Y basis, the company's gar-

ment production was 65.37 million (in H1 of FY '23) which is 13.29 per cent up from 57.70 million garments (in H1 of FY '22).

The company is exporting a variety of products in knitwear and also has a domestic innerwear brand 'FASO'. Its total income as of Q2 of FY '23

stands at Rs. 1240.51 crore against Rs. 1224.52 crore during the same period of last financial year.

The company, known for its quality products and CSR initiatives, has posted net profit of Rs. 203.29 crore for Q2 of FY '23 compared to net profit of Rs. 226.69 crore for the



period ended 30th June 2022. During the first six months of the current financial year, the company has reported 31.48 per cent higher revenue as its total income has been Rs.2845.48 crore as com-

pared to Rs.2164.16 crore during the 6 months of last fiscal. Similarly it has posted net profit of Rs.429.98 crore for the six-months period ended 30th September 2022 as against net profit of Rs. 410.29

crore for the six-months period ended 30th September 2021 which is 4.80 per cent higher.

High time for India to move towards jeans export



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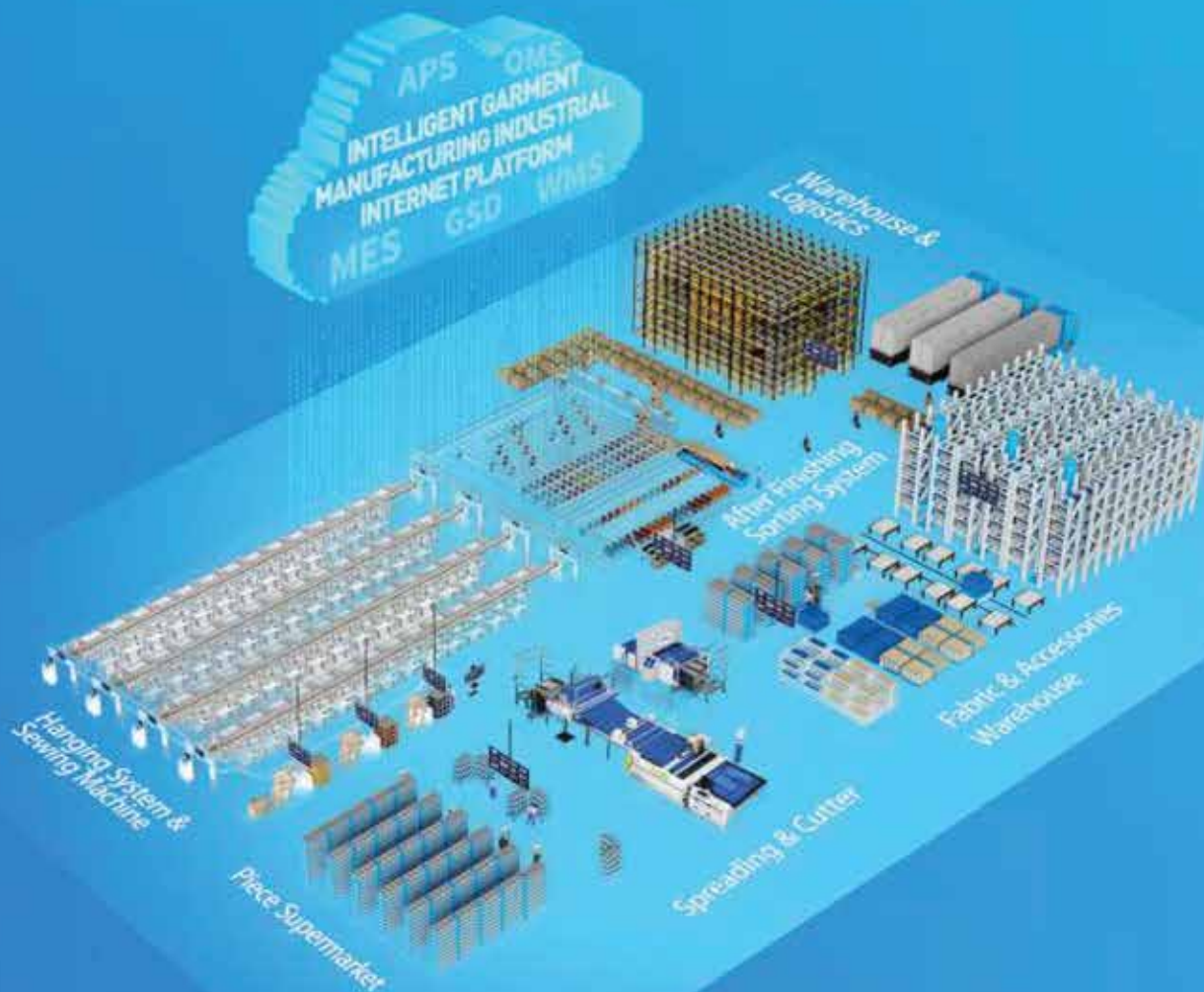
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IN INDIA, THERE ARE AROUND 50 LEADING DENIM FABRIC MANUFACTURING COMPANIES WHICH ARE HAVING DECENT INFRASTRUCTURE AS WELL AS A STRONGHOLD ON QUALITY, BE IT ARVIND, RAYMOND, KG FABRIKS, KANCHAN DENIM, VISHAL DENIM AND MANY MORE.

As per various reports, the global jeanswear market is expected to be around US \$ 128 billion by 2023 which was almost US \$ 115.76 billion in 2021. It shows the massive opportunities in jeans export for garment manufacturing hubs. India's denim production is somewhere around 1.7 billion metres per annum and around 50 per cent of it is consumed in the Indian domestic market, while 40 to 45 per cent is normally exported. Rest remains in stock or as an excess capacity available. As per Statista, India exported denim fabrics worth US \$ 355 million in 2021 (third highest after China and Pakistan). Importantly, it's been more or less the same trend for many years. Despite having strong availability of quality raw material, manufacturing know-how of jeans and globally good demand, India is lacking in jeans export.

One of the major reasons for the limited export of jeans from India is restricted manufacturing capacity as there are only few denim or even bottomwear exporters in India with good capacities. Most of the others don't have massive set-ups like Bangladesh and China. So, top denim brands don't have options even if they wish to source jeans from India. That's something to think about!

Secondly, mid-level exporters that can easily cater to small or medium-level brands, importers and wholesalers are reluctant to focus on denim. They keep focusing on their core strengths – value-added womenswear in woven and knits (majorly tops).

However, a small part of the industry is positive of bringing about a change as they have started investing in building capacity. There

are enough chances that more investments may happen in jeans manufacturing considering more and more global brands are making strong presence in India and wish to source locally produced products. Importantly, Government policies too of late have been supportive towards manufacturing.

FABRIC MANUFACTURERS ARE OPTIMISTIC OF INDIA'S JEANS EXPORT GROWTH

In India, there are around 50 leading denim fabric manufacturing companies which are having decent infrastructure as well as a stronghold on quality, be it Arvind, Raymond, KG Fabriks, Kanchan Denim, Vishal Denim and many more. Leading denim fabric manufacturers Jindal Worldwide, Siyaram and RSWM, are particularly very optimistic and feel that India's growth in jeans export can be seen in just a matter of time.



Aamir Akhtar, Group CEO, Jindal Worldwide



Denim and Apparel

“Indian market is evolving, and more and more international retailers are having a strong presence in India. So there will be a need for organised jeans manufacturers for sure. And I don’t think that India will always be able to import from other countries to service the local markets as issues and time involved in import are not viable in the long-term. Now is the time I see that India will have large-scale capacities, initially to serve the domestic mar-

ket and then obviously look at the export market,” says Aamir Akthar, Group CEO, Jindal Worldwide.

He also adds that there is great keenness to invest and those who invested earlier are running at full capacity, which is encouraging for them as well as others.

Interestingly, there are a few denim mills that are themselves investing in jeans manufacturing to avail the massive opportunities in jeans manufacturing. Cost saving and

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support on timely delivery, due to vertical integrated setup, also gives them an edge over others.

Mumbai-based Siyaram Silk Mills is coming up with a factory in Amravati which will be producing around a million pair of jeans per year. The plant will be dedicated to knit denim’s jeans for bottoms as well as tops. The factory, which is expected to start production within a year, is supposed to have 800 machines.



PK Acharya, Senior President, Siyaram Silk Mills

PK Acharya, Senior President of the company, tells Apparel Online, “So far our industry, especially mills, didn’t have thrust on jeans export but now mills are changing their way and along with fabric export, they are also working to increase the export of final denim products.” He further adds, “I can see that mills have understood that to get more value, they have to focus on jeans export and some of the mills have started working also on their jeans manufacturing projects.”

He is confident that looking at the current global scenario, India’s jeans and denim fabric companies will be gaining more orders.

“Though Sri Lanka is good at exports, but owing to the country’s situation, buyers aren’t too interested in it and don’t want to take risk. This will benefit India along with other countries. Bangladesh however is a different scenario. It has a lot of orders, so buyers are now thinking of shifting some orders to India,” Acharya states.

MEDIUM-LEVEL PLAYERS ENTERING INTO JEANS MANUFACTURING

As far as India’s top jeans exporters are concerned, leading companies like Arvind, top apparel exporters like Shahi Exports, Ashima Group etc., too have a firm hold in jeans exports.

Shahi set up its denim division in 2010, and currently, has two denim garmenting units and a laundry with a production capacity of a million pieces per month.



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When it comes to jeans or even for bottoms' export, it is only Bengaluru that works with major brands and buyers in this segment. There is a need that established hubs of garment manufacturing should also focus on bottoms.

Semi-organised and unorganised hubs like Ahmedabad, Delhi-NCR,

Bellary and Ulhasnagar are also having a reasonable share in jeans export, majorly to the countries like Middle East.

There are few middle-level companies that so far have nothing to do with denim, but the emerging opportunities have motivated them to enter into jeans manufacturing.

Bengaluru-based Smart Clothing, a leading bottomwear manufacturer, is investing Rs. 8 crore to add a new jeans factory and will have an initial capacity of 5,000 jeans per day. In the long run, it will go for washing operations also.

Japan followed Officina39's colorful thread connecting denim, art and sustainability



The Italian company brought a selection of its latest eco-friendly

technologies and collaborations to Denimsandjeans in Tokyo, November 1-2.

The philosophy guiding Officina39's

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Denim and Apparel

innovation and development ranges fluidly between exploration of color, denim heritage and artistic expression, but has sustainability and the search for environmentally friendly chemical solutions for the fashion industry as its cornerstones. This is the core vision that accompanied the Italian company on its trip to Japan, to take part in Denimsandjeans in Tokyo on 1 and 2 November. Let's take a closer look!

DENIM & ART

Juan Manuel Gomez, Officina39 Creative Leader, perfectly represents the company's multidisciplinary approach and combines artistic expression with a thorough technical experience, being able to create inspirations that push the boundaries of both aesthetics and performance while respecting the planet and the people. His explorations were drawn on the Denim Art Wall, in which the Colombian creative mind showed denim paintings using chemicals. In the interactive seminar "Art & Denim As A Process Of Repetition" he explained that there is a constant act of repetition as automatic drawing or pictorial act in the processes of the textile industry; taking this as a visual reference, his artworks are produced as if they were cloths or a garments. When speaking of Officina39's activities and inspirations, an encounter with the art world is not unusual: the company is in fact part of Cittadellarte fashion B.E.S.T. (Better Ethical Sustainable Think-tank) by the Pistoletto Foundation, a hub merging different forces, like



aesthetics and ethics, creation and production, artistic sensibility and social commitment.

THE SS24 COLLECTION

The Multicolor Denim Dreaming collection is a powerful combination of several of Officina39's sustainable key technologies:

- **Nebudye D:** a wide range of fresh colors to obtain a unique dyeing effect in nebulization/fog system machinery and can be discharged in a creative way with Oz-One Powder, an advanced product to give garments a bleached yet eco-friendly treatment, and Remover IND/J-N, Officina39's solution to replace the use of Potassium Permanganate (PP) on denim and obtain a worn and distressed vintage look.
- **Novantic series:** a combination of selected dyestuffs with a special mordanting agent suitable to obtain surface dyeing to provide vintage or old look effects.
- **Recycrom™:** a patented dyestuffs range obtained through a cutting-edge upcycling process that involves textile fibers from used clothing and manufacturing waste for dyeing and printing applications. Its sustainable and revolutionary powders assure a whole universe of denim effects: from classic authentic vintage to acid wash look (Eco Marble), from printed effect (Indigo Replica) to worn and distressed vintage look (Recycrom™ Dirty).
- **Just One Step Process:** an innovation that saves time, energy, space and of course water, by combining several phases of the

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Aqualess Mission at the same time: a raw garment enters the machine and a garment with a basic vintage effect comes out ready to be dried, already treated, bleached and softened.

- **Remover Activator:** a technology that in combination with PP replacement products creates in one step general bleaching, localized corrosion and highlights effects on jeans.

"THE CIRCLE BOOK 3 / RE-ESTABLISH FRAMEWORK"

Aqualess Mission, together with Recycrom™, Nebudye D and Smart Bleach, contributes also to the third chapter of The Circle Book, the collaboration project for circular design developed by Officina39, Meidea and Lenzing in recent years. "The Circle Book 3 / Re-establish framework" involves new partners, supporters and four teams of designers from Mexico, Italy and Argentina for the creation of the outfits: fresh energy and commitment for a tradition that is becoming established, in the name of sustainability.



Disney+ Launches subscriber only merchandise deal



Disney+ will be launching a beta version of its store, where users will be able to purchase exclusive merchandise from brands like Star Wars, the Marvel Cinematic Universe, Pixar and more. In order to pay and make a purchase, users must authenticate using their Disney+ login information. That means that, for the time being, the merchandise will be exclusive only to Disney+ subscribers.

The subscribers would hold the phone up to the TV in order to scan the QR code to purchase the exclusive merchandise or could purchase from shopDisney.com/DisneyPlusSpecialAccess, done as per the traditional method.

"Special access to this curated col-

lection of merchandise for the upcoming holiday season is the latest example of the many ways we are experimenting to improve the user experience on Disney+, including improving the benefits of being a subscriber. We are excited to collaborate with shopDisney to explore how we can better serve our audiences by expanding the ways they engage with the stories and characters they love in Disney+," declared Alisa Bowen, President of Disney+. Through the new feature, buyers will gain access to merchandise including the DarkSaber Legacy Set from The Mandalorian, the Luke Skywalker and Obi-Wan Kenobi Battle of the Heroes Legacy Lightsaber Set; the Ahsoka Tano Legacy

Lightsaber Hilt (to be signed by Ashley Eckstein, Ahsoka's voice in Star Wars: The Clone Wars and Star Wars Rebels); a special edition Ahsoka Tano doll (also signed by Eckstein); Doctor Strange's cape; Scarlet Witch ear headband; Doctor Strange's shield Captain Carter's vibranium; a collectible 'Black Panther' mask; a Wakanda Forever Artist Series 'Black Panther' jacket; and a World of Wakanda Artist Series puzzle. Additionally, shoppers will be able to gain exclusive access to made-to-order merchandise, including 'Frozen 2' and 'Lightyear' T-shirt and hoodie designs.

As Denimwear Enjoys Momentum, Gas Milano 1984 Relaunches Under New Owners

THE JEANSWEAR BRAND HAS FOUND ITS WHITE KNIGHTS THAT ARE POISED TO SPUR ITS DIGITAL CAPABILITIES AND GLOBAL APPEAL.



A Gas Milano 1984 recent campaign. Courtesy of Gas Milano 1984

MILAN — Italian denimwear companies had been losing their edge even before the COVID-19 pandemic struck but the return of the Y2K aesthetic in recent seasons has turned the runway spotlight on denim once again, opening new opportunities for specialty brands that would otherwise be stalling.

Gas was among the pre-pandemic casualties in the jeanswear arena, with its now-former owner Grotto group dragging it out of bankruptcy and applying for a composition with creditor procedure that lasted five years.

Last spring, a pool of white

knights came to the rescue with a court-managed takeover of the company, which is based in Chiuppano, Italy. Milano 1984 — a company controlled by entrepreneur and investor Andrea Citterio via his investment vehicle Duke, which is co-owned by Andrew Bordin — acquired a majority stake in Gas at a price pegged at 17.5 million euros. A third minority investor was found in tech-savvy Alpha Square Invest helmed by cofounder and chief executive officer Rino Castiglione, with two additional financial investors, DEA Capital and Amco, joining the group.

“The company is out of a five-year composition with creditors procedure and was hit hard by COVID-19; it was a tough landscape,” executive board member Castiglione said in an exclusive interview with WWD.

The brand’s financial and industrial stability, further weakened by the pandemic, was already impacted by a changing landscape that hit the traditional wholesale-based, digital-weak model of the ‘90s and Aughts when the brand reached its peak of success.

“Our first initiatives were aimed at giving back trust to the team and laying out a plan spelling out loud

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this was not a financial operation but rather a business initiative aimed at bringing the brand back to past glory," Castiglione said. "The relaunch starts from prod-

ucts...denim offering will be key as it represents the core business category. Gas is recognized and has a track record for its quality and services....It's never been a strongly

characterized fashion brand, rather its strength sat in its accessibility and versatility," he explained. The new management onboarded two key creatives, recruited from



A Gas Milano 1984 recent campaign. Courtesy of Gas Milano 1984

the Guess Inc. stable. Gregoria Carmagnino, a former Guess head designer, and Gianpaolo Camporese, head of design, menswear at the American denim giant, were appointed to the roles of creative director and head of design at Gas Milano 1984, respectively. The first collection under the new creative team is to bow for fall 2023 and presented in December.

Castiglione noted that the strategy entails a stronger focus on adjacent categories, too, including outerwear and casual tops such as sweatshirts and T-shirts. Cue the new name, Gas Milano 1984, which reflects the denim-wear brand's ambition to boost its positioning as a full-fledged fashion player. As part of the five-year turnaround

business plan, Castiglione said the goal is to double revenues in three years. In 2021, the denim specialist posted sales of 30 million euros. A menswear-driven brand, the new owners are eager to achieve a more balanced split, with womenswear growing from the current 20 percent to 40 percent.

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High input costs impact Welspun India's profit heavily



Welspun India Ltd., India's leading home textile giant and the flagship company of US \$ 2.3 billion Welspun Group, reported a 95.86 per cent decline in its consolidated net profit to Rs. 8.33 crore for Q2 of FY '23 compared to the consolidated net profit of Rs. 201.50 crore in the same period of last fiscal.

The company said in a regulatory filing that the profit was impacted mainly due to high input costs.

Welspun India's revenue from operations also slipped 15 per cent to Rs. 2,113.46 crore during the quarter under review as the same was

Rs. 2,487.63 crore in the year-ago period.

Its revenue from home textiles was Rs. 2,011.41 crore and from flooring segment, it was Rs. 159.59 crore.

The company has a distribution network in more than 50 countries and state-of-the-art manufacturing units in India.

BK Goenka, Chairman, Welspun Group said: "In view of the macro environment that continues to be challenging, the company's operating and financial performance demonstrates the trust it enjoys

among its global customers. This is evident in the growth registered by the company's brands portfolio and the domestic retail business in particular which delivered a robust 60 per cent growth in H1 of FY '23 on the back of an expanding retail footprint that stands at over 10,000 outlets across more than 500 towns and power brands like 'Welspun' and 'SPACES'."

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Italian company Bozzetto Group acquires Levaco's fibre division



Bozzetto Group, the global specialty chemicals company with over €200 million revenues and a global industrial footprint, has announced the 100 per cent acquisition of the fibre division from Levaco Chemicals GmbH, a privately owned company based in Leverkusen and part of Diersch & Schröder GmbH.

This acquisition, effective from November 3, 2022, is in line with the long-term strategy of the Group, which has strengthened its man-

made fibres leadership position over the past years and has the ambition to become one of the global benchmarks in specialty chemicals, bringing increased service level and innovation, Bozzetto Group said in a media release.

“Bozzetto Group confirms the success of its long-term vision, having foreseen an extraordinary time for the fibre chemical sector. Man-made fibres, especially recycled MMF, are undoubtedly the protag-

onists of the market. Know-how and an R&D-oriented approach are the keys to this business success, and the Italian Group has proven to have both,” the company said.

The Italian HQ of Bozzetto Group is equipped with cutting-edge technologies and pilot plants, developing sustainable solutions for synthetic fibres and viscose/lyocell on a daily basis.



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Germany's Wacker gives sustainability award for siloxane production



The Munich-based chemical group, Wacker, has established a sustainability prize that will be awarded annually to projects implementing the group's sustainability goals. The first prize winner is a project team from Burghausen and Nünchritz that has significantly improved the process for producing siloxane - the most important starting product for silicones.

Wacker aims to reduce its absolute greenhouse gas emissions by 50 percent by 2030 and become climate-neutral by 2045. The €10,000

Wacker Net Zero Award was presented yesterday at this year's Group Sustainability Conference in Munich.

This year's prize goes to a project team comprising Martin Steuer from the methyl chloride synthesis/hydrolysis plant at the Nünchritz site, Sebastian Kröner from process development at central engineering in Burghausen, and Konrad Mautner from Wacker Silicones Technology Management. The winners developed a process with which a high percentage of organo-

silicon by-products from hydrolysis of chlorosilanes is returned into the integrated production system in a targeted manner. The hydrolysis of chlorosilane is part of the upstream process, which starts out from metallurgical silicon to produce the intermediates chlorosilane and siloxane and ultimately to obtain the downstream product silicone.

"Almost a year ago, Wacker set itself very ambitious sustainability goals, which include reducing greenhouse gas emissions from our own products and processes and

further minimising resource consumption. Since then, many small and large-scale projects have been initiated within the group. To honour and promote this commitment, the company decided to confer the Wacker Net Zero award this year and in the years to come. This is our way of recognising outstanding

projects that reduce our company's environmental footprint," Christian Hartel, president and CEO of Wacker Chemie, said.

"Chlorosilane hydrolysis is a key process step in siloxane production and is thus one of our group's core processes. Thanks to the award winners' truly trailblazing approach, we

can significantly improve the efficiency of our integrated production system. This reduces by-products and avoids disposal costs – good for the environment and the profitability of our production," Hartel said.

SANITIZED AG appoints Dr. Martin Čadek as CTO of its Competence Centre for Technology & Innovation

BURGDORF/CH, 7 NOVEMBER 2022: SWISS-BASED SANITIZED AG IS INCREASING ITS INNOVATION EXPERTISE BY APPOINTING A NEW CTO, DR. MARTIN ČADEK, WHO WILL OVERSEE GLOBAL TECHNOLOGICAL ACTIVITIES FOR THE SPECIALIST ANTIMICROBIAL HYGIENE BRAND. DR. ČADEK WILL LEAD THE COMPANY'S COMPETENCE CENTRE FOR TECHNOLOGY INNOVATION AND WILL FOCUS ON BREAKING NEW GROUND TO DEVELOP INNOVATIONS IN SUSTAINABILITY.

Dr. Čadek is a graduate physicist with a master's degree in polymer science with many years' experience in the industry working with polymers, fibres, industrial textiles, and extruded polymers. He is joining SANITIZED AG from his most recent role as Managing Director for German subsidiary the Flint Group. His previous roles include the Global Head of Innovation for Energy and Polymer Systems at Evonik/Orion, the Head of Extrusion Technology Business Unit in Europe for Emerell AG, and work with the SGL Group.

The Competence Centre for Technology & Innovation

The Competence Centre for Technology & Innovation will provide services to all three of SANITIZED's business units: Textiles, Polymer Additives, and Coatings and Preservation. It will be built on top of SANITIZED's TecCenter for Analyt-

ics, Microbiology and Applications and its regulatory department.

Michael Lüthi, CEO of SANITIZED AG, is delighted to welcome such a highly experienced new member of the SANITIZED team: "Martin Čadek understands, lives and breathes our philosophy of thinking and acting with customers and solutions in mind, where sustainability plays a crucial role."

Dr. Čadek believes that it is important for SANITIZED's customers to benefit from the company's technological and innovation expertise in more ways than just products. "The team at SANITIZED AG also provides the industry with reliable and expert assistance in using our technologies,"



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explains the new CTO, who places great value on long-term collaboration with customers and partners. Dr. Čadek is also keen to establish fresh long-term relationships with new customers and partners to bring the benefits of working with SANITIZED to a wider market.

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PFAFF launches new sleeve setting machine

PFAFF 3834 for jackets and blazers



PFAFF, a leading German sewing technology brand, has launched new PFAFF 3834 – Made by PFAFF in Germany – for sleeve setting in high-quality jackets, blazers and ladies' jackets.

According to PFAFF, with the revised feeding system with selectable roller pressers and the new automatic thread tension regulation, the machine can be operated with even greater process reliability and simplicity.

The new machine has made sewing of ungathered sleeves much easier

and more flexible, claims the company.

For the new PFAFF 3834, a thread tension control has been developed that automatically adjusts the thread tension to the material thickness currently being handled.

The material thickness detection and real-time adjustment (360° monitoring) features ensure optimum stitch formation, even when sewing over cross-seams and interlinings.

“By using the roller presser (run-

ning close to the needle), the material can be worked in with pinpoint accuracy,” informed PFAFF in a note sent to Apparel Resources, that further read, “The new machine guarantees smooth seams and even stitch formation, especially when sewing sensitive and difficult fabrics.”

The company further informed that an output of approximately 170 jackets in 480 minutes (ungathered sleeves, left/right) can be achieved with the new workplace.



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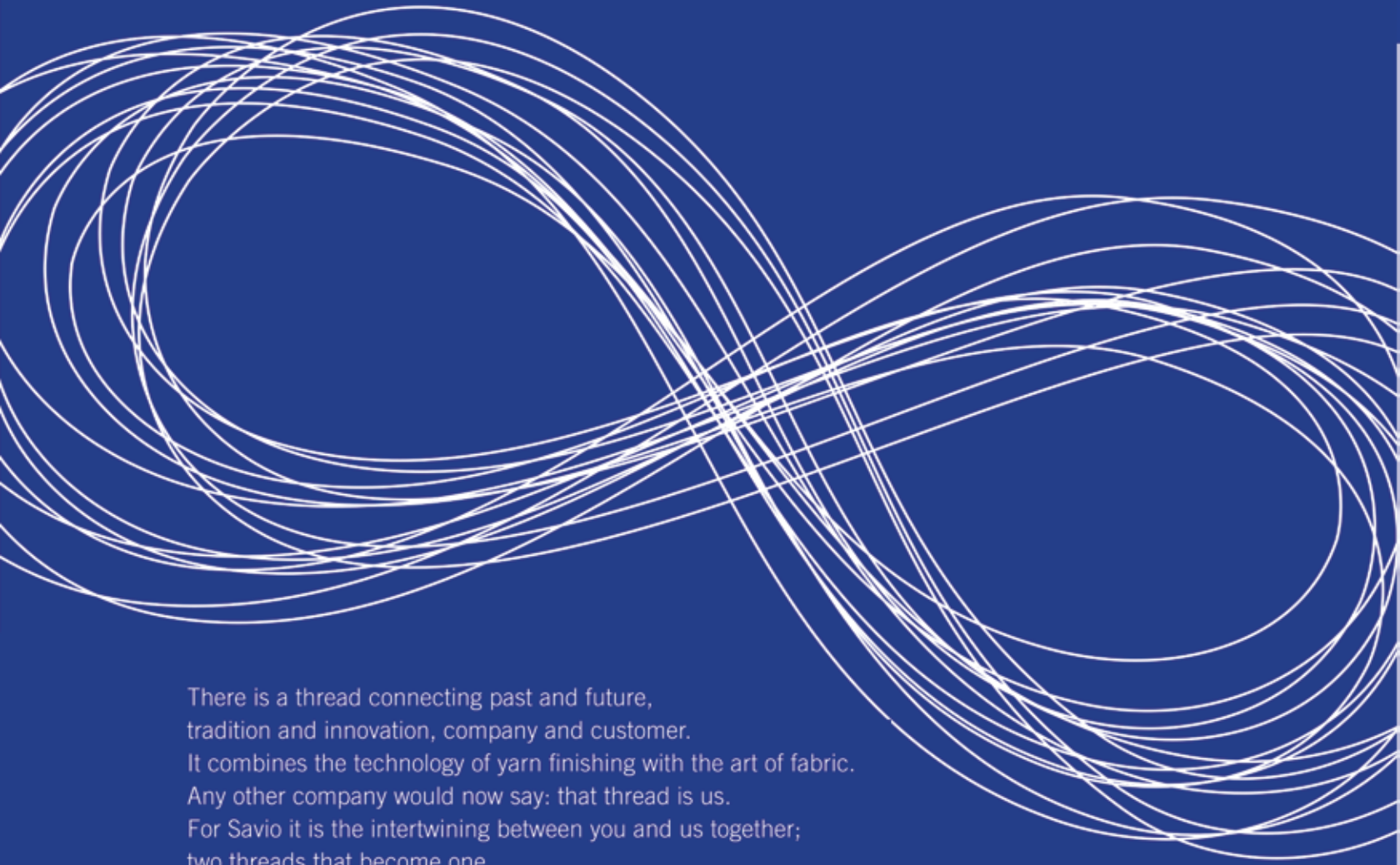
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