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CEO, Oerlikon Polymer Processing Solutions

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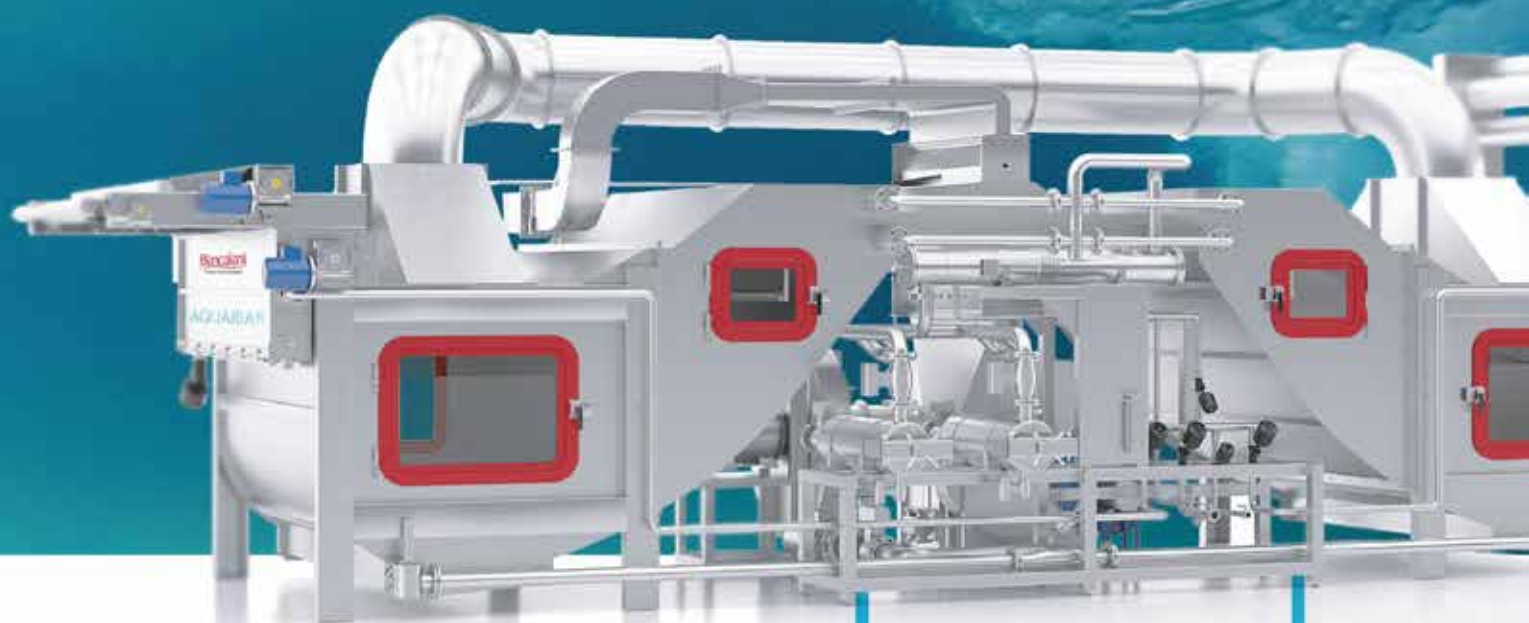
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Colony Group is one of the oldest Textile Manufacturers in Pakistan, tracing its roots back to its first industrial venture in cotton ginning sector back in 1881.

The Group's first spinning mill was setup in 1946 under the name of Colony Textile Mills Limited. The Group further ventured into Banking, Insurance, Cement, and Power Generation & Distribution.

By 1952 Colony Textile Mills Limited was a composite mill with 120,000 spindles, 1,500 Looms, and fabric finishing capacity in excess of 150,000 meters per day.

Presently, the company is operating in the spinning, weaving, and garmenting sectors. Current installed capacity is: 285,000 Spindles, 5,880 Rotors, and 470 Air Jet Looms.

CTML has recently launched StitchRite (Pvt) Limited, a state of the art workwear garmenting unit capable of producing 1,000,000 garments a year. Further capacity of 2,500,000 additional garments per year is planned to be added in Q2 2022.

All the manufacturing units of CTML have in-house power generation in order to provide uninterrupted energy to the facilities all year round.



## About

StitchRite (Private) Limited is a wholly owned subsidiary of Colony Textile Mills Limited.

StitchRite is operating as a 100% Export oriented workwear stitching unit since 2019. Its operational excellence is complimented by the core strength of its parent company, Colony Textiles Mills Limited, in manufacturing of yarns & woven fabrics.

The Stitching unit is equipped with state of the art machinery from well known brands including Juki, Kansai & IMA-Italy.

StitchRite is currently equipped to produce 1,000,000 garments a year based on product mix & operational complexities.

Further, 500 Sewing machines with an additional capacity of 2,500,000 garments a year are being added and will be operational in 2nd Quarter of 2022.

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**Sohail Hafeez Chaudhry**

Director Marketing & Operations / Weaving

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## YARN DYEING



4,000  
Tonnes/Year

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## C.M.T



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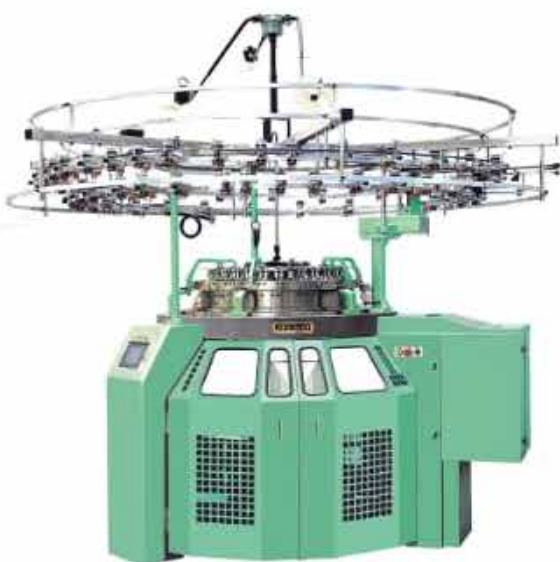
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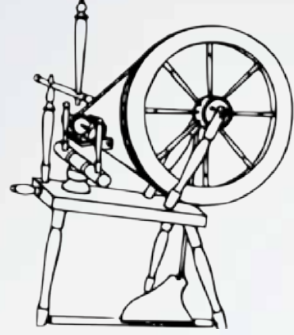
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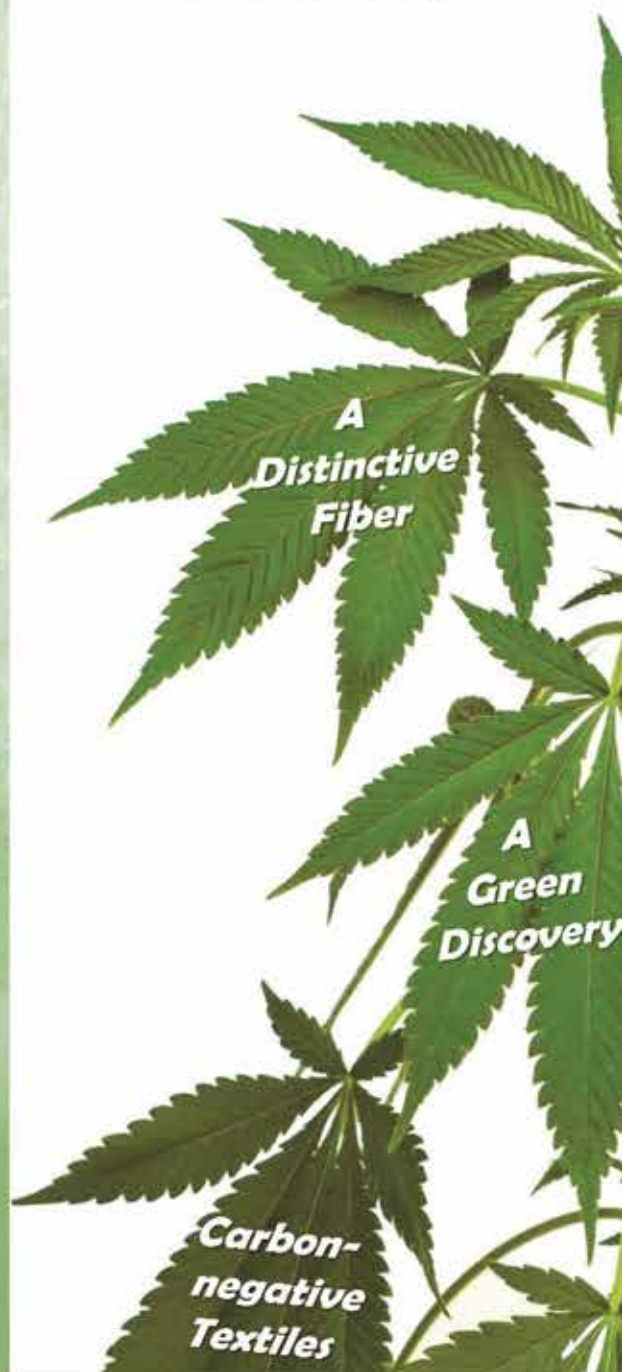
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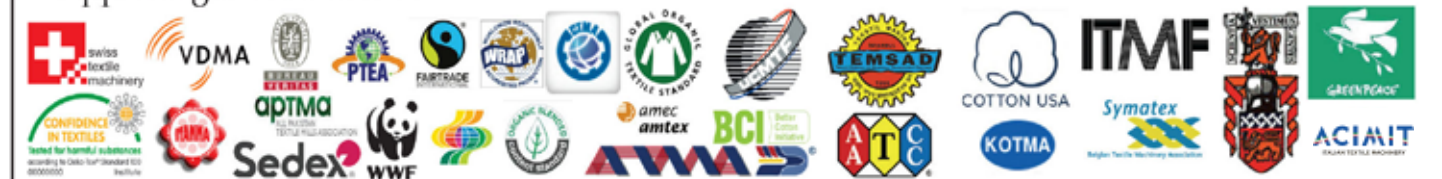


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## Title Story



As a pioneer of the manmade fiber industry founded in 1922, always oriented on the guiding stars of innovation and technology leadership within a global market environment – this is us, the Oerlikon Barmag of today.

A strong entrepreneurial spirit and boundless creativity have shaped us. We are proud of our entire global workforce. The creative utilization of its experience and knowledge potential in close collaboration with high-performance partners, suppliers and services providers is the key to our sustained success.

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# 2022

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## editorial

*Dear Readers,*

We welcome all to our most waited June edition, dedicated for ITM Istanbul, Heimtextil Frankfurt & Techtexsil, Frankfurt. It would be a big restart of series of Textile Exhibitions post- pandemic.

Pakistan earned \$15.981 billion from textile and apparel exports, compared to exports of \$12.688 billion in July-April 2020-21, according to data from Pakistan Bureau of Statistics.

It is important to mention that Pakistan's textile and garment exports in the first ten months of the current fiscal surpassed the exports of previous fiscal 2020-21, which stood at \$15.400 billion.

Category-wise, knitwear exports rose by a sharp 35.14 per cent year-on-year to \$4.218 billion during the ten-month period, while exports of non-knit readymade garments were up 27.95 per cent to \$3.214 billion.

Pakistan Textile Industry with booming exports also facing bigger challenges & hurdles. The highest rising Cotton prices & shortage, soaring freight charges, high energy costs, devaluation of Pakistan currency, Political crises, angry USA & European Union – with addition to low Textile rates offered by our competitors are the biggest challenges for the Textile Industry of Pakistan.

The solution to Pakistan's perpetual BOP, fiscal, and debt issues which have led it repeatedly to the IMF is the sustained acceleration of export-led growth. Sustainable development and economic growth necessitate export-led growth, as a strong export base serves as a self-sufficient and highly beneficial method to strengthen the economy without external debt. In Pakistan's context, the textile sector provides a reliable pathway to counter the debt that has accumulated from consecutive loans. The most effective mechanisms to sustain export-led growth include product and market diversification, improvements in quality, and integration into global value chains. Government support is naturally an essential component in ensuring these policies are implemented and institutionalized, leading to a successful economic future for Pakistan.

ITM International Textile, Yarn, Knitting, Weaving, Dyeing, Printing, Finishing and Hosiery Machineries, Sub-Industries and Chemicals Exhibition organized by Tüyap Fairs and Exhibitions Organization Inc & Teknik Fairs Inc. partnership with the Cooperation of TEMSAD (Turkish Textile & Machinery Industrialists Association) will be held at TÜYAP Fair Convention and Congress Center, Istanbul – Turkey. More than 1000 textile technology producer companies

are presenting their latest models in operation. ITM, the largest exhibition in Turkey and in the region, is among the most important exhibitions in the World.

ITM 2018 Exhibition, which hosted the launches of textile technologies, was held in 13 halls with 1150 participants from 64 countries. The exhibition hosted more than 14,248 international visitors from 94 countries including Afghanistan, Algeria, Bangladesh, Iran, Ethiopia, India, Indonesia, Tunisia, Uzbekistan, Romania and a total of 58,942 people visited the exhibition. Purchasing delegations from Albania, Bulgaria, Kazakhstan, Kosovo, Moldova, Tunisia, Iran, India, Uzbekistan, Pakistan, Egypt, Morocco, Algeria, Panama, Czech Republic and Russia came to the ITM 2018.

Heimtextil 2022 will be held as a one-time Summer Special from 21 to 24 June - at the same time as the trade fair duo Techtexsil and Texprocess. Exhibitors and buyers will benefit from valuable synergy effects between the three international trade fair formats. The Heimtextil Summer Special will also be a valuable profit-making event for volume-oriented suppliers and buyers from Europe and overseas. Not all like before, but nearly 40 - 45% of the home Textile Companies are exhibiting at Heimtextil Summer from Pakistan, most of them are reluctant because of short time for next show and they want to exhibit at Hall 10.

International exhibitors will be presenting the entire spectrum of technical textiles, functional apparel textiles and textile technologies at Techtexsil in Frankfurt am Main from 21 to 24 June 2022. Texprocess, the leading trade fair for the garment manufacturing and textile processing industry, and this year, once only, the Heimtextil Summer Special, international trade fair for home and contract textiles, will take place at the same time as Techtexsil.

We wish all the exhibitors and visitors of ITM Istanbul, Heimtextil – Frankfurt and Techtexsil – Frankfurt a fruitful and successful show.

WASEEM J. KHAN  
Editor-in-Chief



# GLOBAL TEXTILE AND CLOTHING NEWS

## PARTNER PROFILE AUSTRALIAN FAB- RIC MANUFACTUR- ER ENSURES ETH- ICAL, SAFE WORK STANDARDS FOR EMPLOYEES

### COTTON LEADS PARTNER SHARES WHY THEY LOOK TO THE PROGRAM FOR INFORMA- TION

May 18, 2022

Cotton LEADS partner shares why they look to the program for information. With a growing demand for sustainably produced cotton, Melbourne fabric manufacturing company Topknit Fabrics Australia looked to the Cotton LEADS(SM) program for information. Topknit joined Cotton LEADS as a partner about 10 years ago, and owner Ralph Bonadio says knowing what happens in the field is vitally important for his business. Not only is he committed to sourcing sus-



tainably produced and traceable cotton, but he's also committed to protecting and upholding his worker's rights. Mr Bonadio started working in textiles at the age of 18, and after becoming sole owner of the business in 2010. In 2021, Topknit relocated an entire knitting mill to a newer premises where it was set up specifically to produce fabric in to the future. Topknit gained its Ethical Clothing Australia certification two years ago which ensures Mr Bonadio's workers are paid appropriately, receive all legal entitle-

ments and work in safe conditions. The accreditation maps a business' Australian supply chain from design to dispatch and encourages companies to view supply chain management as a fundamental part of the business. We make sure the fabric we produce goes to businesses that uphold the same working standards as us," Mr Bonadio said. Not only is Topknit caring for its staff, but the business is also caring for the environment. Mr Bonadio says solar panels were installed on the newest building, which helped



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to reduce the operation's carbon footprint. Topknit produces more than 4000 different qualities of fabrics in Melbourne, and supplies to Australian wholesalers. Joining the Cotton LEADS program allowed Mr

Bonadio to ensure the cotton he uses was grown and sourced sustainably along the supply chain. "I love getting the emails and looking on the Cotton LEADS website to see what the farmers are doing in the

field," Mr Bonadio said. "Australia grows some of the best cotton in the world. It has a good long staple, and we should be taking advantage of the growing conditions we have."



25 May 2022

The French Textile Equipment Manufacturers, known for their catalogue and tailor-made equipments, will offer turnkey solutions including one or several companies in a one shop model at ITM Istanbul from June 14-18. For many years, the French have been very active on the Turkish market. France is the sixth textile equipment exporter worldwide. "Next June 2022, ITM in Istanbul will be the first major textile equipment expo since the pandemic outburst. This is a major opportunity to meet in person with many of our long-time Turkish partners," said Christian Guinet, secretary general of the French

Textile Equipments Manufacturers' Association (UCMTF). The association is particularly strong in long fibre spinning (wool, acrylic ...), yarn twisting and control (including technical yarns), space-dyeing, heat setting for carpet yarns, carpet systems, bleaching and hydro-extractor equipments, dyeing and finishing, felts and belts for finishing processes, precision machining and textile ERP, UCMTF said in a press release. The global turmoil due to the Coronavirus has slowed many personal visits but, due to new communication techniques, innovation has continued to take place both in end products, equipments and production processes.

"Market changes are what our industry is about, it is quicker and quicker whatever the day-to-day issues. Then, our members have to be closer and closer partners for their customers in order to interact with them, understand their needs, and focus their R&D to find solutions, offer state-of-the-art equipment and the best service to every customer. French textile equipment manufacturers are R&D and service geeks. As they are SMEs run by entrepreneurs just as their Turkish customers, it is very easy for them to understand each other very well and to go beyond usual business relationships," added Guinet.



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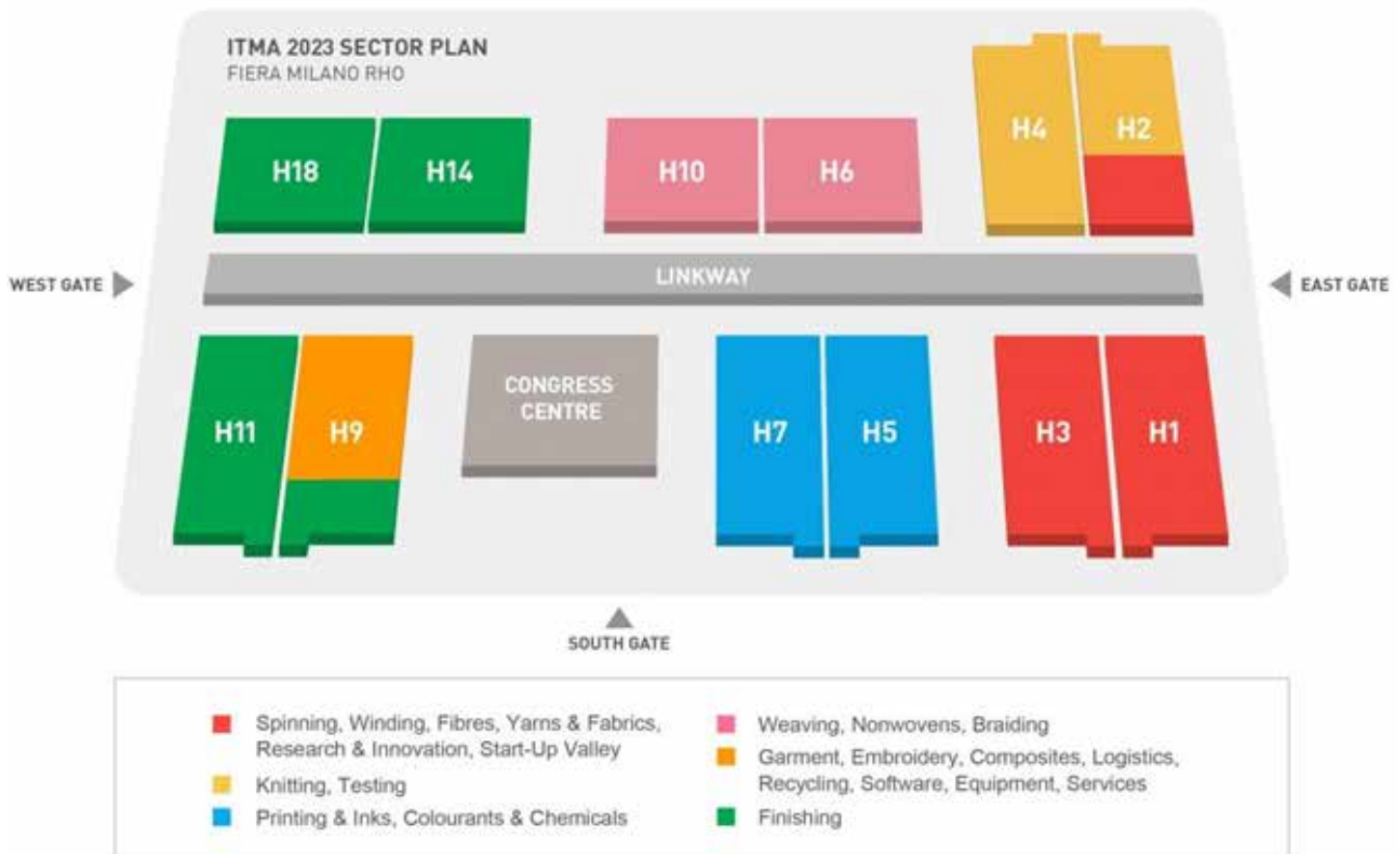
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# ITMA 2023 EXHIBITION SECTOR PLAN UNVEILED



May 13, 2022

On the back of strong response from textile machinery manufacturers, ITMA Services – organiser of ITMA 2023 – has unveiled the sector plan for the exhibition. Taking up almost 200,000 square metres of the Fiera Milano Rho venue, the plan spans 12 halls on the ground level. The sector plan features all 20 chapters of the Index of Products, ranging from spinning to finishing, software, logistics, and fibres, yarns and fabrics. The two biggest sec-

tors, finishing and spinning, anchor both ends of the exhibition. To-date, ITMA 2023 has attracted 1,444 applicants from 42 countries who have booked over 114,230 square metres of net space. The new Start-Up Valley has also garnered keen interest. The closing date for application for start-ups is 30 June. Ms Sylvia Phua, Project Director of ITMA 2023, said: "As 97% of the show has been booked, we would like to urge those who have not applied to exhibit to do so immediate-

ly as only limited space is available. "ITMA is the most established and comprehensive showcase of textile and garment technologies and solutions. As many exhibitions had been cancelled in the last two years, exhibitors are eager to showcase their latest innovation, especially those in the sustainability and circularity space, to a global audience in-person." ITMA 2023 will be held at Fiera Milano Rho, Milan, from 8 to 14 June 2023.



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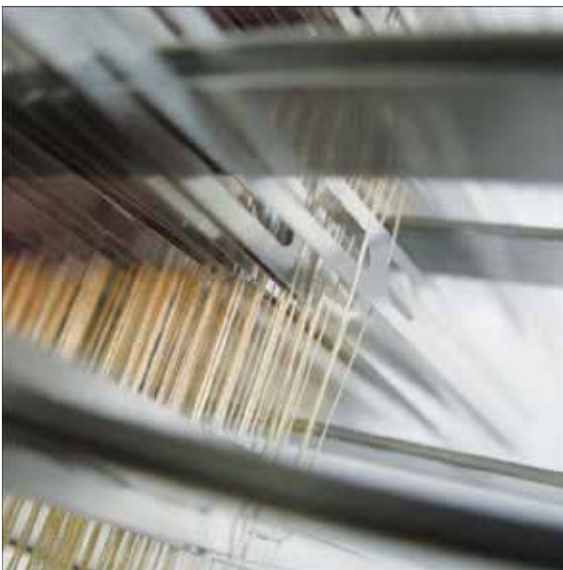
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# IFAI BECOMES THE ADVANCED TEXTILES ASSOCIATION



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Equipment



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Geosynthetics



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Marine

Reflecting a more inclusive name for the the evolving textile industry. 19th May 2022

Industrial Fabrics Association International (IFAI) has chosen a new name – the Advanced Textiles Association (ATA) – effective from June 1st. The name change was approved in April. with 85% of association members casting their votes for it. “This is an exciting time for our great association,” said IFAI chairman Amy Bircher. “President and CEO Steve Schiffman and his staff have worked hard to meet the needs of our members in finding a

name that reflects the vision for our future while still honoring the past and recognizing the importance of our history.” The new name reflects the evolving textile industry and is designed to position the association to meet the needs of its members and the industry as a whole. IFAI’s board of directors, staff and industry partners have been researching the IFAI brand for over a year, with the goal of ensuring the association is well-positioned for the future.

“There has been discussion about a name change for several years,” said Schiffman. “We wanted a name

that is more inclusive, easier to remember and reflects advances in and the future of all the industries we currently serve and will serve in the future.” After more than 40 years as IFAI, the updated name not only speaks to those core markets, but also reflects the fact that members are working in markets that may not be readily identified as “industrial fabrics.” We are working on rebranding to match our new name and we are excited to share it with the industry soon!



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# THE SUSTAINABLE APPAREL FORUM BRINGS TOGETHER GOVERNMENT REPRESENTATIVES AND INDUSTRY LEADERS

28 April 2022

The Sustainable Apparel Forum takes place on 10 May 2022 in Dhaka, Bangladesh, bringing together government ministers and advisors, the European Union, UN bodies, brands, global fashion campaigners, brands, manufacturers and industry leaders. This year's SAF, the third such event, aims to establish Bangladesh as one of the world's most responsible apparel sourcing destinations. That's why senior government representatives will be speaking and in attendance, listening to the needs of industry and what needs to be done to take Bangladesh garment production to the next level. Senior representatives from globally renowned recycling and renewable energy companies will also be in attendance as well as exhibit their sustainability and green technologies, products and solutions under the same roof. The SAF will showcase opportunities for much-needed

green financing in the industry. Issues under the spotlight will include climate action, environmental social & governance (ESG) and green finance, purchasing practices, circular economy, and regulatory reforms. Speakers of the SAF include Dr Tawfiq-e-elahi Chowdhury, Bir Bikrom, adviser to the Prime Minister of Bangladesh on power, energy and mineral resources; Salman F Rahman, MP, adviser to the Prime Minister of Bangladesh on private industry & investment; Tipu Munshi, MP, commerce minister of Bangladesh; Begum Monnujan Sufi-

an, MP, state minister for labor and employment of Bangladesh; Saber Hossain Chowdhury, MP, chairman of parliamentary standing committee on ministry of environment, forest and climate change of Bangladesh; Anna Athanasopoulou, head of unit for social economy & creative industries European Commission; Barbara Bijelic, financial sector and regulatory engagement lead centre for responsible business conduct, OECD; Lindita Xhaferi-Salihu, sectors engagement lead, UNFCCC; Gagan Bansal, global material innovation & strategy

manager, H&M; Javier Santonja Olcina, regional head, Bangladesh & Pakistan, Inditex; Faruque Hassan, president, Bangladesh Garment Manufacturers & Exporters Association (BGMEA); Dr Mark Anner, founding director, Center for Global Workers' Rights and also professor, Penn State University, USA; Ayesha Barenblat, founder and CEO, Re-make; Najet Draper, vice president research, Better Buying; and Tuomo Poutiainen, country director, Bangladesh, ILO.



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# ELITE SECTOR – TEXWORLD PARIS JULY 2022



ELITE plays fully its role as a catalyst, but also as a reference point in the melting pot that each new edition of the Messe Frankfurt France trade shows represents for the fashion industry. Its mission: to bring together in a single space all the high value-added companies offering complementary services that are indispensable to brands and fashion designers. These exhibitors have been chosen by the Texworld Paris committee for their performance in terms of quality,

competitiveness, reactivity and logistics. ELITE thus brings together the best of the industries from Turkey, the Netherlands, Pakistan, and Japan. A crossroads of know-how, ELITE honours the major manufacturing techniques used in all materials, from silky aspects to prints... and many others! You will thus find all the essential elements for the design of collections, from sourcing to manufacturing, without forgetting the multiple services provided on this platform!

## Acar Textile

Established in 2003, Acar Textile has an annual capacity of 13 500 000 meters. The production is destined to fashion brands and fabric export-oriented companies. Acar Textile does its best to ensure a high-quality production. Fabrics are mostly made of cotton, viscose, polyester, polyamide, wool, tencel, modal, linen and blends of those yarns for leading women's clothing brands. With a strong interest in technology, the company



tries its best to combine innovation with the environmental cause. The applied control process during the production enables Acar Textile to monitor each stage of the production and make it problem-free.

### **Artex textiles**

Established in 1995, Artex is now one of Taiwan's leading woven fabric manufacturers. The company has grown from a weaving mill to a vertical business with its own weaving, twisting, dyeing, inspection and testing facilities. With a monthly capacity of 3.2 million meters, the

company has an annual turnover of USD 48 million. Innovative polyester, rayon, nylon, linen and cotton textiles for the women's and men's fashion industry form the core of its collections. Its main customers are large European retailers based in the UK, Germany and Spain.

### **Danoe Worldwide Limited**

Danoe Worldwide Limited focus on producing knitting fabrics and developing novelty products include Jersey fabric, Double knit fabric, Ponte fabric, RIB fabric, Hacci fabric, Jacquard fabric etc., Its head

quarter is located in Taipei, Taiwan and the knitting mills and inspection center are located in China to ensure we provide the best quality. We have been exporting our products to U.S., Canada, South America, Russia, Poland, China, Japan, Australia, and Europe...etc., winning good reputation for our textiles marketwise. These few years we're pay attention to develop sustainable and Eco-friendly fabrics with rich in cotton content to follow up current market tendency. What we expect in the future is stick to good quality and high efficiency but

# ITM2022

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## INTERNATIONAL TEXTILE MACHINERY EXHIBITION

# 14-18 JUNE 2022

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never afraid of changing to take the lead in the trend of fabric industry.

### Er & Ez

Er&Ez Group, whose production began in 2013, has continued to grow since then thanks to new investments, and the loyalty of the brands that support it since its inception. The production of women's clothing (pants, dresses, blouses, jackets) is internalized. All the machinery and machine parts are world class and state-of-art models. The strong structure of the group shows up with dynamic employees and modern and technological infrastructure. The company produces fabric to the global brands in Europe. Its aim consists in maintaining the brand corporate values: trustwor-

thiness and prestige are the primary principles in the countries where business is carried, and business partners are located.

### Kamal Limited

For 50 years now, Kamal has been fully equipped for innovation, product development, manufacturing and quality assurance. It covers a wide range of expertise that goes from spinning to weaving through home textile processing, apparel dyeing, finishing and fashion. The vertically integrated facilities, from yarn spinning to manufacturing of home linen and apparel, permits Kamal to offer the most competitive prices and control of quality at each stage. Kamal strives for on time deliveries. A long list of satis-

fied customers around the globe bear testimony to the company's professionalism and dedication. Among them, Marks & Spencer, Next, Sainsbury's, Tesco, Zara, Okaidi.

Pakistan - Sector Cotton

### Kohinoor Mills

Kohinoor Mills (Dyeing / Weaving) is one of Pakistan's largest vertically integrated textile operations with 2000 employees, US\$ 110 Million in annual sales and 70 years of heritage in textiles. Spread on a 100-acre state of the art facility in Lahore, we deliver over 75 million meters of world-class fabric to leading brands, retailers and factories in over 20 countries around the globe. The company is involved in three



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major businesses ; Dyeing & Finishing , Weaving and Energy.

### **Kohinoor Dyeing**

produces 4 million meters of dyed, PFD & printed fabric every month using cutting edge machinery from Benninger in Switzerland and Brugman in Holland . Through our R&D facility and partnership with European mills we have developed innovative fabrics and hand-feel finishes which have enabled us to become key suppliers for leading global brands. After 15 years of operations KDM is now a market leader in cotton stretch and cotton blended fabrics for the fashion industry.

**Kohinoor Weaving** is the flagship di-

vision of the company it produce 4 million meter of greige fabric every month. which is partially consumed upstream by the Dyeing & Finishing division , while the rest is exported to clients in Europe and Asia . Kohinoor is a socially and environmentally progressive company, We have obtained internationally recognized social compliance certifications to make our factories safe and healthy workplaces. We also collaborated with brands and international organisations to continuously reduce our ecological footprints. Today, the Company counts as its main and loyal clients such as ZARA, LEVI'S, C&A, NEXT, AMERICAN EAGLE, GLORIA

VENDERBELT, A&F, CELIO, M&S, VF JEANSWEAR, GUESS, QUIKSILVER, GEORGE, TESCO, MANGO & POLO RALPH LAUREN, TOM TAILOR , S.O-LIVER & ESPRITE

PAKISTAN - Sector Cotton

### **Liberty Mills**

Located in the heart of Karachi's industrial area, Liberty Mills was founded in 1964. From humble beginnings, the company is now one of the largest textile processing companies in Pakistan. It has a monthly production capacity of 7 million meters of fabric. All the production is exported directly or indirectly to customers, which include internationally renowned brand

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vendors, department stores and mail order houses. Liberty Mills is ISO 9001-2008 certified and meets the OCS100 and OCS Blended standards. It is also Oeko-Tex Standard 100 certified and SA 8000-2008 certified. The Liberty Mills product range includes various weaves in 100% cotton as well as cotton/elastane, cotton/polyester/elastane blends and others.

PAKISTAN - Sector Cotton

#### **Migiboy Tekstil**

Migiboy Group was founded in 1996 and is now at the top 500 of Turkey's second biggest Industrial Enterprises. Migiboy carries out its operations in its integrated facilities including two factories for spin-

ning, one factory for knitting, dyeing-printing and finishing processes. Migiboy's fabrics are made of cotton, viscose (ECOVERO™ - vortex), polyester, modal (Lenzing Modal and more blends. If you are looking for high-quality material, then Migiboy is the right partner. It offers many different kinds of cupro fabrics (Jersey, interlock, ribana, scuba, piqué) and polyester spandex suede fabrics with different weight options. Migiboy's collections are mostly for ladieswear and a small percentage for men & children fashion.

TURKEY - Sector Knit

#### **Nishat Mills**

Since 1951, Nishat Mills is one of

the most modern, largest vertically integrated textile company in Pakistan. It has the most modern textile dyeing and processing units. The company's production facilities is composed of spinning, weaving, processing, stitching and power generation. Nishat Dyeing & Finishing is a purpose designed fabric dyeing with the capacity of 6 million meters per month. It is specially designed to handle heavy weight fabrics like twills, canvases, poplins, sateens, and textured weaves such as rip stop, herring bone, broken twills, Bedford cords and dobbies ranging from 4oz to 18oz in reactive, vat, sulphur, pigment dyeing and blotch printing, fabrics with



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minimum tension, like stretch fabrics and all high density weaves.

Brands like Levi's, Gap, GV, Next, Marks & Spencer have entrusted the company for years.

PAKISTAN - Sector cotton

#### **Segovin Tekstil**

Established in 2014, in Turkey, Segovin is a prestigious company in Istanbul. We're buying our own yarns and produce our own fabrics working with different weaving factories operating in Turkey. There is a big process going on, such as dyeing, printing and pretreatment process. In 2019 we established a print design studio in Barcelona to give more flexibility and speed for our customers that are constantly looking for new designs. As you know Fashion Industry is the world's second largest industry, thus we have a very important responsibility. This is why we use 'environmental friendly' and 'sustainable' products. Such as tencel, filsens, viscose ecovera, bamboo, sorona, hemp, recycled polyester.

TURKEY - Sector Silky Aspects

#### **Shafi Texcel**

Since 2004, Shafi Texcel has become a leading value-added fabric producer from Pakistan with Piece Dyed, PFGD & Yarn Dyed fabrics under its umbrella. Our collection includes a diverse range of fabrics from super stretch piece dyed fabrics to value added yarn dyed fabrics for tops/bottoms. Sustainable materials like Linen, Hemp, Organic, BCI, Recycled yarns are in use. We manufacture casual shirts & trousers, offering customers a complete solution. A vertically integrated

setup for offer quicker lead times to our valuable clients. Customer portfolio includes brands like Next, M&S, ZARA, Pull & Bear, Decathlon, J&J, Wrangler, Lee, Levi's, CK.

PAKISTAN - Sector Cotton

#### **Texworld Denim**

Texworld Denim was created in September 2017. It now represents nearly 70 exhibitors among the 1500 exhibitors participating in Texworld Evolution Paris. Over the years, the denim material and clothing for the denim universe has never ceased to bring together producers and manufacturers. The undisputed king of materials, unisex and for all seasons, denim remains THE essential material for brands and designers.

Today, Texworld Denim continues to bring together in one place the entire Texworld Evolution Paris denim offer, from raw material to finished product and from sportswear to casualwear. At each edition of Texworld Evolution Paris, certain countries stand out at Texworld Denim such as Bangladesh, China, India, Pakistan and Turkey. Amongst the leading companies in the blue fabric sector, Texworld Denim has exhibitors who are increasingly present in the Sustainable Sourcing Itinerary.

#### **Master Textile Mills**

Textile has been one of our core businesses since 1992. Master Textile is distinguished as a vertically integrated textile and apparel company in Lahore, Pakistan. The company has state-of-the-art spinning, weaving, processing, dyeing, printing, denim fabric and gar-

ment manufacturing facilities, fully equipped and proficient enough to produce products consistent with European and American quality standards with an annual turnover of more than USD 120 million. We are proud to be Pakistan's first 'full package provider' for our clients, with vertical competencies for yarns, woven fabrics, denim fabrics and garments. With a strong brand image and international certifications, owing to our project commitments, working speed, quality services and spot-on delivery, we offer our customers a global network of opportunities with global sales and representative offices in Europe, UK, USA, Turkey and Bangladesh that speaks customers' language for the best liaison and support.

PAKISTAN - Sustainable: Higg Index, GOTS, GRS, ISO:14001, ISO:9001, BCI, Organic Content Standard, Recycled Claim standard, Oeko-Tex 100, SA8000, WRAP Mekotex (Denim Mill) Mekotex is a vertically integrated denim mill, with an annual capacity of 30 million meters. Our vision is to become the benchmark in Textile sector. From the very beginning, our company is customer oriented which follows current market trends. The goal is to be innovative, quality consistent, efficient and complete customer satisfaction with sustainability. The company has futuristic denim facility comprising of advance machinery using cutting edge technology. Sustainable practices in Mekotex include using less amounts of water, hazardous chemicals, adopting eco-friendly production processes;



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using less energy for production processes; and introducing 3 Rs—Reduce, Reuse, and Recycle.

**PAKISTAN - Sustainable :** BCI, Hlgg-Index, CMiA, Oeko-Tex 100, Oeko-Tex STeP, GOTS, GRS, Organic Content Standard, Recycled Claim Standard.

#### **NZ Denim**

Muslin remains as the glorious past. Since then, we are always connected to the textile tradition. Here comes the NZ Tex Group Bangladesh, with its vigour and color in denim and non-denim fabrics, a family-owned business since 1982, currently running with four integrated business units complying to the quality, ecological and ethical code of conduct to international standards. The brand itself reinter-

prets sustainable textile heritage into prints that tell the stories of where and why they are made.

**BANGLADESH - Sustainable :** GOTS, Oeko-Tex 100, Organic Content Standard, Recycled Claim Standard, BCI, GRS

#### **Pioneer Denim Limited**

Pioneer Denim Limited is the world's largest LEED Platinum awarded and the only Cradle to Cradle Gold Level certified denim manufacturer from Bangladesh. The vertical integration with its sister companies, the award-winning largest spinning mills of Bangladesh have made PDL an innovative and world-class denim manufacturer. Being the only denim mill in Bangladesh with in-house textile waste shredding facility, PDL is leading the movement of

sustainability with its recycled and eco-friendly denim. With its initiative to introduce ZLD facility and increase annual production capacity to 72 million yards, PDL is advancing towards greater sustainability by 2023 **BANGLADESH - Sustainable :** GOTS, Oeko-Tex 100, ISO14001, OCS

#### **Point Denim (Shanghai)**

Point Denim (Shanghai) in China is an Ready-made garment manufacturer, that provides the following products: Jackets & Coats, Swimwear & Wetsuits.

**CHINA - Sustainable: BCI, Oeko-Tex 100**

*Based on information provided by Denim exhibitors.*



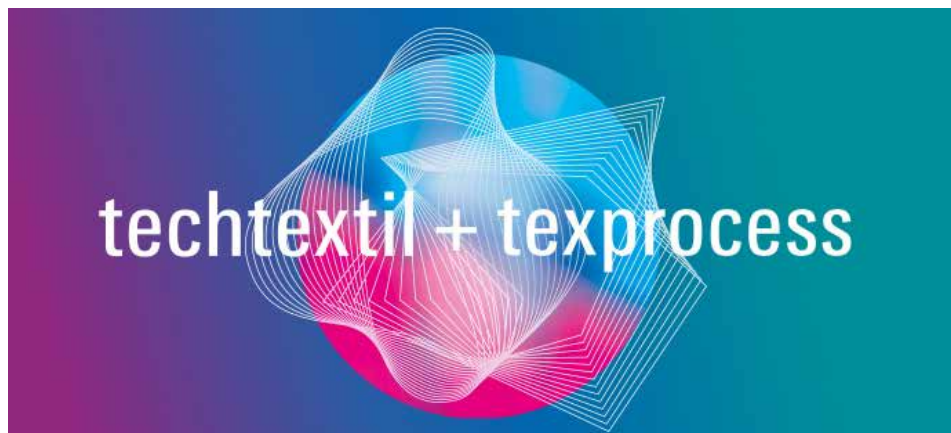
# ADVANCES IN AUTOMATION FROM SVEGEA AT TEXPROCESS 2022

**SVEGEA, A MEMBER OF TMAS, THE SWEDISH TEXTILE MACHINE ASSOCIATION, IS MARKING A COMPANY MILESTONE THIS YEAR AT TEXPROCESS IN FRANKFURT FROM JUNE 21-24 – THE 70TH ANNIVERSARY OF ITS AUTOMATIC COLLARETTE CUTTER.**

On its introduction back in 1952, this machine – used by garment manufacturers around the world for the production of tubular apparel components such as cuff and neck tapes and other seam reinforcements – caused a sensation with its then-unprecedented output of 300 metres per hour.

Time doesn't stand still, however, and the latest EC 300 machine Svegea will demonstrate at Texprocess 2022 has a slightly improved output – of around 20,000 metres per hour.

“Advances in automation are only making the specialised, bespoke machines we engineer even more efficient and we are expecting a very busy show in Frankfurt and a busy year,” says Svegea Managing Director Håkan Steene. “The garment components our collarette cutters produce make it logical for them to be integrated into the operations of making-up operations wherever they are, and at the moment we're seeing a lot of interest in the reshoring of operations by our customers, to bring final-stage manufacturing closer



to the key European and US markets.”

## **E-Drive 2**

The EC 300 collarette cutter on show in Frankfurt is equipped with the latest E-Drive 2 system providing the operator with a very user-friendly touchscreen, providing full control of the cutting process. A key function is the ability to ensure perfect synchronization of the tubular fabric between the machine's turntable platform and its upper cutting body,” Steene explains. “We supply a wide range of automatic collarette band cutting machines with capacities to match the needs of our customers.” The integrated, fully auto-

matic FA500 roll slitter accommodates diameters up to 400mm and is equipped with three separately adjustable settings enabling three different band widths to be cut within the same cutting cycle. Automatic tube sewing units are provided for sewn tubes in optional rolled or flat folded forms, depending on customer preference.

## **Niche applications**

Svegea supplies many other bespoke machines for applications in the production of both garment components and technical textiles, including rewinding, measuring, inspection and band knife machines.





Occupying a unique niche are the company's customer-specific bias cutting and winding units. On these machines, circular woven materials are fed to the cutter via a revolving winder and slit at angles, so that both the warp and weft of the weave are skewed at specified angles rather than just in the vertical and horizontal directions, as is usual. This allows the slit fabrics to drape and form much more easily to the complex shapes of technical textile components such as, for example, circular rubber hoses and special diaphragms and seals which are employed in the aerospace and automotive industries, and for which the special fabrics act as critical reinforcements. The ability to produce tubular fabric which is cut on the bias allows customers

to provide textiles which not only have improved drape and elasticity properties for complex and intricate shapes, but also offer ways to reduce production costs by eliminating unnecessary wastage from the manufacturing process. Pre-cutting the fabric to a specific bias reduces extra handling of the fabric in further processes, saving customers both valuable production time and costs. "Our latest bias cutting and winding units are being equipped with new features such as edge alignment and electronic roll tension control," says Steene. "We will be happy to discuss its unique capabilities with interested parties in Frankfurt."

### Wide portfolio

"Svegea is a unique company with some ingenious solutions for both garment manufacturers and

companies making specialised technical products," says TMAS Secretary General Therese Premier-Andersson. "Messe Frankfurt's decision to hold Texprocess, Tectextil and the Heimtextil Summer Special together this June will allow our members to showcase the full breadth of their portfolios, extending to all areas of the textile supply chain." Svegea will be one of a number of TMAS companies exhibiting at stand F41 in Hall 8 at Texprocess. In addition, Coloreel is jointly exhibiting with embroidery machine maker Tajima at stand H44 in Hall 8. ACG Kinna will be at stand E27 in Hall 3 as part of the Heimtextil show and Eltex will be at Tectextil in Hall 12, at stand E19.





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# DOMO INTRODUCES NEW BRAND FOR NYLON 6.6



**Introducing value-added solutions for flame retardancy, enhanced biodegradability and inhibiting bacteria. Domo's Valence site in France is equipped with the world's most recent polymerization line for staple fibre.**

20th May 2022

Nyleo is the new brand for Domo's performance fibres range, bringing together a combination of well-established products and new solutions. Based on nylon 6.6, Nyleo is used in numerous applications in the textile, flooring, flock and abrasive markets. Thanks to unique properties, the brand offers a wide range of actions to enhance product performance. "In a fast-changing world, markets and consum-

ers demand innovative solutions to meet the daily requisites for health, safety and sustainability," says Nicolas Forien, sales director for Domo, which is headquartered in Ghent, Belgium. "Because we are a key polyamide player equipped with the world's most recent polymerization line for staple fibres, we are committed to achieving cutting-edge breakthroughs in PA 6.6. This is demonstrated in our Nyleo range of value-added solutions for flame retardancy, enhanced biodegradability and inhibiting bacteria – Nyleo Protect, 4earth and Safe."

Based at its Valence site in France, Domo's performance fibres team has create unique fibres designed to meet key market needs. since

1955. The Nyleo brand will now be applied to the full portfolio of polyamide 6.6 products, including staple fibres, crimped tow and tow for flock. These are well known for their superior resilience, outstanding wear and abrasion resistance, higher tenacity, excellent dyeability and color fastness, consistent quality and soft feel. In order to contribute to higher levels of safety in the personal protective equipment, clothing, furniture and transportation industries, Domo has developed Nyleo Protect which combines all the advantages of PA 6.6 – mechanical performance, comfort, low specific weight and outstanding abrasion resistance – with improved flame retardancy performance. Its

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limiting oxygen index (LOI) is 28%. Manufacturers are increasingly concerned about sustainability and the circular economy and aiming to reduce their impact on the environment through better waste management. A traditional nylon 6.6 fibre decomposes in about 50-100 years. Nyleo 4earth with enhanced biodegradability mean-

while decomposes in under five years. Bacteria propagation has become a health concern of increasing urgency and Domo has developed a new bacteriostatic fibre to fight this problem. A bacteriostatic agent is introduced into the polymeric matrix of Nyleo Safe, creating a long-lasting effect to protect the fibres and inhibit the growth of bac-

teria. "The Nyleo brand represents an important step in our quest to strengthen Domo's nylon-based performance fibres business," says Forien. "It's also a key milestone in our sustainability journey, as we endeavor to support our customers through our enhanced offering of sustainable solutions."

## SANDLER CONTINUES TO GROW IN 2021 AND PROVIDES A CAUTIOUS OUTLOOK FOR 2022

22 April 2022

The nonwovens specialist from Upper Franconia in Germany closes 2021 with a growth in revenue but challenges continue to arise due to the extraordinary increase in energy prices since 2017. The strategic approach of "diversification in terms of technologies, industries and locations" is paying off and will provide further stability in the future. The growth rate is mainly attributable to the capacity expansion at the U.S. plant, and there was also double-digit sales growth in technical products. However, due to the geopolitical situation and the continued explosion in raw material and energy prices expected in 2022, the company remains cautious about the financial year 2022. Schwarzenbach/Saale, Germany – Sandler, headquartered in the Upper Franconian town of Schwarzenbach/Saale, District Hof, increased both its revenue and number of its employees in 2021. However, challenges increasingly arise from the extraordinary rise in energy prices since 2017. 990 employees including 61 trainees (previous year: 940) generated 365 million Euros in turnover, an increase of 11 per-

cent (previous year: 328). This rate of growth is mainly attributable to the capacity expansion at the U.S. subsidiary Sandler Nonwoven Corporation in Perry, Georgia. In addition, there was double-digit sales growth in technical products.

Overall, the nonwovens specialist remains cautious about the ongoing financial year, also due to spiralling energy costs that are expected to become even more serious in 2022. CEO Dr. Christian Heinrich Sandler: "In early January, we still hoped that the lessening of the turmoil surrounding the Corona pandemic would bring not only our industry back to clearer waters. However, the belligerent attack on Ukraine, geopolitical uncertainty and the continued increase in energy costs are clouding the waters again in terms of our outlook. At the same time, we are seeing our long-term strategy of consistently focussing on diversification in terms of technologies and industries, and the establishment of an additional company location, confirmed."

In 2021, the coronavirus pandemic also made great demands on "our dedicated and motivated staff", sums up Sandler. But the entire San-

dler team fought shoulder-to-shoulder for the success of the company at both locations. A high level of expertise and a correspondingly high level of commitment and flexibility made a successful year possible despite the continued massive restrictions caused by the pandemic and despite the market changes. Sandler: "Our teams in Schwarzenbach and Perry did a great job." Sandler has not only managed to stand up to Covid-19 in so doing. The reactions to the pandemic have completely changed the market and the market environment over the past two years. Businesses that had been growing over many years have stalled, and supply chains have been turned upside down. The CEO casts his mind back to the supply bottlenecks worldwide, longer delivery times and the dramatic price increases in almost all goods and services. "We had already arrived at this point from a high cost level and believed that we had reached the tip of the cost iceberg. But that has not proved to be the case in 2021 and this trend – we can now say after the first quarter of this year – will continue in 2022. "However, despite facing major logistical



challenges, we still managed to deliver on time,” emphasises Sandler. Looking beyond the current financial year into the future, the CEO continues to view environmental protection and sustainability as fixed, highly relevant constants in the corporate strategy. Sandler pursues a constant goal of reducing its ecological footprint even further.

The company continues to focus on providing its junior employees with excellent training and training and developing the staff even further, especially in view of the ever-increasing challenges. The motto here being, “well-trained specialists and managers are what drives us”. Trainees are integrated into exciting tasks at an early stage and can grow as a result. More experienced colleagues from all the departments can train in leadership tasks and teamwork or pursue their own individual professional career paths. Just as in 2020, a “corona bonus” was awarded to every employee worldwide for the 2021 financial year to pay special tribute to the tremendous efforts made by the team. Digitalisation has also been driven forward. Sandler kicked off the ‘Fit for Future’ programme four years ago to pave the way for fully entering the digital age. Among other things, the introduction of a standardised ERP software has made an important contribution to this. It helps to optimise new processes and enhance organisational structures. Not only does the com-



pany benefit from this internally, it also generates the “greatest possible benefit for our partners”, explains the CEO. Dr. Sandler looks on the current energy costs in Germany with concern. “We are in global competition with other companies that have always had a different cost situation in this regard. “As an energy-intensive company, we need a reliable infrastructure. The current situation is a burden on our business and is an extreme driver of costs,” emphasises Dr Sandler’s fellow board member, Dr. Ulrich Hornfeck, who is responsible for sales. The CEO attributes the fact that Sandler also received key awards last year to the company’s extraordinary commitment and team spirit. For example, Procter & Gamble awarded Sandler the pres-

tigious ‘External Business Partner of the Year’ award as one of only eight out of approximately 60,000 suppliers. “Being honoured by our long-standing customer in this way means a great deal to us,” emphasises Dr. Sandler. An award of the Bavarian State Government is also important to the CEO: Sandler received the ‘Bavaria’s Best 50’ award for the third time, joining the ranks of the 50 best owner-managed companies in the State of Bavaria. These companies are representative of the productivity, creativity and innovative strength of Bavarian small and medium-sized enterprises.

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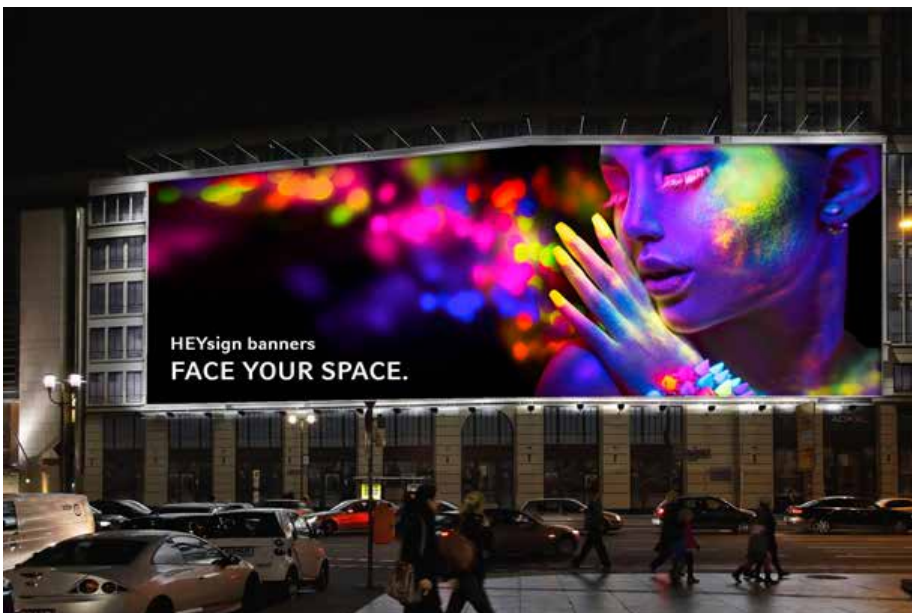
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# SATTLER GROUP AS BEST MANAGED COMPANY 2021

22 May 2022

Just three months after the „Steirischen Exportpreis 2021“ (“Styrian Export Prize 2021”) the Sattler AG is awarded as “Best Managed Company.” “Best Managed Companies” is an international program that has run for 28 years. It recognizes companies in 31 different countries on how well they run their business. Every year hundreds of companies undergo an independent auditing process carried out by auditors worldwide and by the tax consulting group Deloitte. Alexander Tessmar-Pfohl, CEO of Sattler AG “This award is proof that our



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TEXTILE MACHINERY

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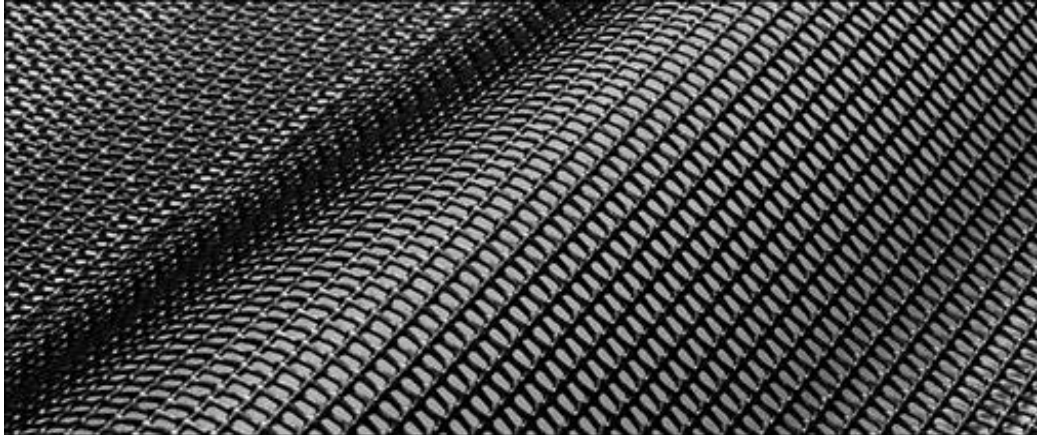
performance and understanding on how to run a family-owned company is recognized and positively assessed from an external perspective.” Lisbeth Wilding, member of the Board, adds: “We are very happy about this recognition and are proud of our staff members, who have made this possible through their great performance and with the passion, commitment and joy they put in their work.” Herbert Pfeilstecher, member of the Board comments: “Being recognized as one of the ‘Best Managed Companies’ is a highly valued recognition. During the application process including several hours of coaching we received professional feedback on our level on maturity in relevant topics around corporate governance.”



HEYtex®



# TF 400 ECO F: SUSTAINABLE MESH FABRIC FOR TEXTILE ARCHITECTURE



This product meets the criteria of the ECO-CHECK as defined by Freudenberg Performance Materials.

[www.freudenberg-pm.com/eco-check](http://www.freudenberg-pm.com/eco-check)

## Saving resources in textile façade design

28 May 2022

Sustainable materials are still used far too rarely in textile architecture. Mehler Technologies has developed a product that helps to fill this gap: TF 400 Eco F is an innovative, recycled material for textile façade design that is groundbreaking in terms of sustainability. The TF 400 Eco F fabric comprises 100 % upcycled PET bottles. At the same time, the properties are very similar to those of conventional mesh fabrics. In 2021, it was awarded first place by the Architectural Membrane Association (AMA) in the “product” category, as the

first material for textile architecture with fabric made from recycled fibers. TF 400 Eco F is part of the VAL-MEX® product range by Mehler Technologies, which stand out thanks to their weather resistance, UV resistance and durability, among other things. Setting standards in sustainability: the new AMA Award

The AMA Award was presented for the first time in 2021 by the Architectural Membrane Association. It honors outstanding achievements in the field of membrane constructions that preserve natural resources and therefore have a positive impact on the ecological footprint. In awarding this prize, AMA aims

to contribute to making building practices more sustainable and environmentally friendly. The AMA Awards are presented in four categories: products, projects, design and ideas. The TF 400 Eco F fabric from Mehler Technologies’ VAL-MEX® product line is the very first prize-winner in the “product” cate-



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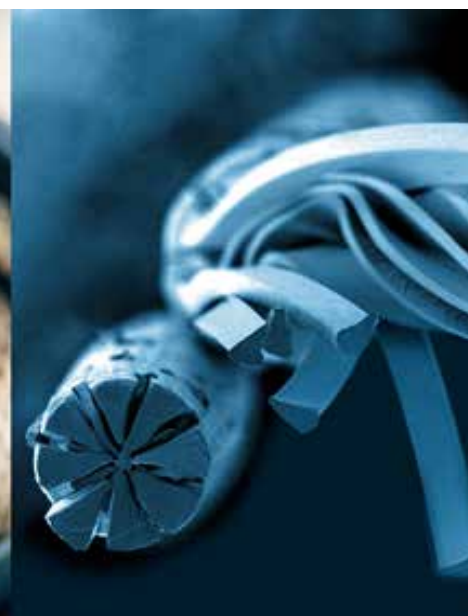


# TECHTEXTIL 2022: “FREUDENBERG EXPERTS MEET SUSTAINABILITY”

**WEINHEIM, MAY 10, 2022. FOLLOWING THEIR MERGER, FREUDENBERG PERFORMANCE MATERIALS, LOW & BONAR, MEHLER TECHNOLOGIES AND FILC WILL BE PRESENTING THEIR INNOVATIVE SOLUTIONS AT A JOINT STAND FOR THE FIRST TIME AT THIS YEAR’S TECHTEXTIL EXHIBITION IN FRANKFURT. THE FOCUS IS ON SUSTAINABILITY. AMONG THE HIGHLIGHTS ARE EVOLON RE, A MICROFILAMENT TEXTILE FOR A WIDE VARIETY OF APPLICATIONS AND MARKETS, FILFLEX, A SUSTAINABLE PADDING MATERIAL FOR CAR SEAT COVERS, AND THE TRUCK TARPULIN POLYMAR 8556 ECO CF. CUSTOMERS WILL FIND THE WORLD’S LEADING MANUFACTURER OF TECHNICAL TEXTILES AT STAND C51 IN HALL 12.1.**

## **Evolon® textiles made from recycled PET**

With Evolon® RE, Freudenberg Performance Materials is presenting an even more sustainable version of its high-performance microfilament textiles. Evolon® RE is manufactured from an average of 70% recycled polyester, which the company makes by cycling post-consumer PET bottles in-house. Evolon® RE products are available for various applications such as technical packaging, in weights currently ranging from 80g/sqm to 300g/sqm. For high-tech wiping, lightweight Evolon® RE is now available starting from 30g/sqm. The material meets the needs of cleaning specialists for more sustainable wiping solutions. Evolon® RE offers the same high quality and material performance as all other Evolon® textiles. Evolon® RE made from plastic bottles



## **cled raw materials presented by Mehler Technologies®**

When it comes to tarpaulins on trucks, both protection of the transport cargo and advertising for the transport company place high demands on the material. Mehler Technologies® tarpaulin material ranks

among the premium products for truck tarpaulins. The company is a pioneer in sustainable development and is showcasing POLYMAR® 8556 ECO CF. This unique material has a 25% share of recycled raw materials in the coating mass. In addition, the material is made with

100% R-PES yarns. The input materials undergo a complex separation and filtering process. **Sustainable tarpaulin for trucks by Mehler Technologies®** Sustainable padding material for automotive and furniture seat covers presented by FILC FILFLEX is a soft and flexible padding layer made from nonwovens for automotive and furniture seat covers. It prevents leather from creasing and improves the dimensional stability of the seat covers. In terms of sustainability, its benefit is its 100% PET composition, making FILFLEX easy to recycle. FILFLEX offers customers easier handling during sewing and the seat covering process. End users benefit from the high seating comfort. Sustainable seat covers padding material by FILC

#### About Freudenberg Performance Materials

Freudenberg Performance Materials is a leading global supplier of innovative technical textiles for a broad range of markets and applications such as apparel, automotive, building interiors, building materials, healthcare, energy, filter media, shoe and leather goods as well as specialties. In 2021, the company generated sales of more than €1.3 billion, had 33 production sites in 14 countries around the world and had some 5.000 employees. Freudenberg Performance Materials attaches great importance to social and ecological responsibility as the basis for its business success. For more information, please visit [www.freudenberg-pm.com](http://www.freudenberg-pm.com)

In 2021, the Freudenberg Group employed some 50,000 people in



around 60 countries worldwide and generated sales of more than €10 billion. For more information, please visit [www.freudenberg.com](http://www.freudenberg.com).



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# SERGE FERRARI GROUP REPORTS CONTINUED GROWTH

7 March 2022

Serge Ferrari is an innovative industrial group looking to expand its global presence to become the global leader for flexible composite materials across four fields of applications. Based in La Tour du Pin, near Lyon, France, this family-owned business ranks among the largest intermediate-sized companies with worldwide operations based in the Auvergne-Rhône-Alpes region. The Group — a global leading manufacturer of innovative flexible composite materials with two major brands, Serge Ferrari and Verseidag — is reporting record growth in 2021, with a revenue up by 46.6% to 285.9 million euros (vs 195.3 million euros in 2020), 80% of which comes from abroad. In 2022, the Group is projecting its revenue to grow to 310 million euros. Proprietary technology, external growth, integrated industrial expertise, strong brand reputation for Serge Ferrari and Verseidag, broad product ranges, quality products and services, sustainable business practices — all of these qualities are major strengths ensuring continued growth for the Group. 'The Group had a record year in 2021, both in terms of activity and profitability. This performance comes as a recognition of the work undertaken by the Serge Ferrari Group teams over the last few years, and speaks in favour of the major strategic choices we have made: refocusing on our four core

specialties, reorganizing our sales department following the merging with Verseidag's teams, actively pursuing an external growth strategy, and prioritizing social and environmental responsibility. Serge Ferrari Group has a solid foundation to keep winning new market shares and secure gains from promising opportunities provided by energy transition applied to materials and construction, even in the face of unforeseen events, whether health-related or geopolitical,' says Sébastien Baril, Chairman of the Group's Board of Directors. Sharp increase in revenue and profitability recorded in 2021 Serge Ferrari Group reports a record revenue of €285.9m in 2021, the result of a 46.4% growth at current exchange rates and perimeter, 27.6% at constant exchange rates and perimeter. Having come out of the difficult period brought on by an unprecedented health situation, the Group has bounced back to its preCovid business level. Compared with 2019 pro forma results, including business from Verseidag and F.I.T. for a full year, sales have grown by 4.6%. This sound performance, despite the continued contraction of the tensile architecture market compared with 2019, demonstrates the relevance of the Group's strategic positioning, and the successful commercial integration of newly acquired activities. 2/3 Winning strategic choices • Refocusing on four priority fields of applications: Tensile

Architecture, Modular Structures, Solar Protection, Furniture/Yachting. • Implementing a dynamic external growth policy. With the purchase of a majority stake in F.I.T., a Taiwan-based designer, manufacturer and distributor of high-technology non-combustible materials in 2020, the Group has established itself as a reference on the market for non-combustible solutions. Spurred by the Group's external growth strategy, which aims to integrate companies operating with complementary offerings, or selling products and technologies on its strategic markets, this move followed another decision, earlier that year, to acquire Verseidag, thereby consolidating Serge Ferrari Group's international leadership on the Tensile Architecture and Modular Structures markets, as well as in the field of non-combustible solutions. The Group now operates industrial sites in France, Switzerland, Germany, Italy and Asia. • Controlling the entire value chain through vertical integration. From product innovation, raw material formulation, and process engineering to yarn manufacturing, weaving and logistics, Serge Ferrari Group covers every step in the production and distribution of flexible composite materials. • Offering one of the broadest ranges of innovative products on the market, and a capacity for innovation tailored to address fast-changing demand. The Group's solutions combine durability,



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## COTTON, FIBER, NON-WOVEN & TECHNICAL TEXTILES

safety, beautiful design, comfort and sustainability to meet everyday consumer needs as well as specifications for the most daring projects. Every year, Serge Ferrari Group invests more than €3m in R&D, equivalent to roughly 4% of its annual revenue. A department of 40 experts work on four major research areas: materials, formulations, industrial processes, and new applications opening potential new markets. • Asserting the Group's position as an industrial leader and a value-driven organization. Early on, the Group started taking steps towards a more sustainable model and has continuously striven to reduce its environmental impact. All undertakings and activities are driven by a common vision shared by all of its collaborators. 'Act now to build a better tomorrow'. xPerspectives for 2022x In 2022, Serge Ferrari Group announces its revenue is expected to grow to about 310 million euros. • Rationalizing the Group's industrial infrastructure. Serge Ferrari Group will continue its efforts to rationalize its industrial infrastructure, with the actual effects of the first industrial synergy plans, in particular the transfer of activities from Eglisau to Krefeld, expected to become visible sometime during the year. In La Tour du Pin, the Group's growth will generate more than 30 new jobs in 2022. • Sustaining investment in R&D. Serge Ferrari Group is set to invest in increased research and development capabilities (products, materials, etc.) by 2023, which include a project to extend an existing building in Rochetoirin. This highly-attractive new talent hub will empower the Group to expand its capacity for innovation. The financial cost for this project is 3.3 million euros, and the extension will be completed in 2023.

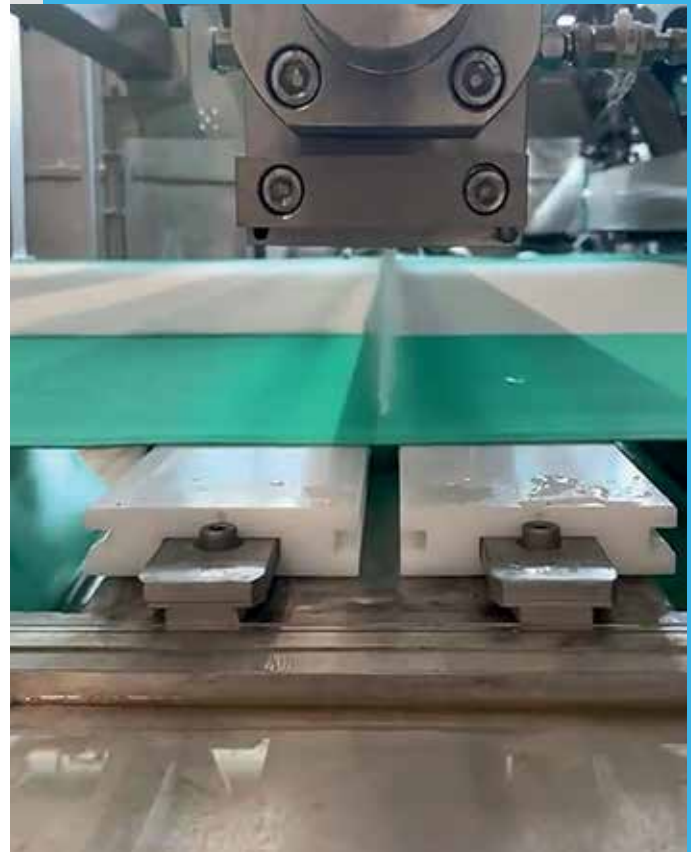
### 3/3 ABOUT SERGE FERRARI

Serge Ferrari Group designs, develops and manufactures innovative composite materials for lightweight architecture and outdoor equipment applications, with a market estimated by the company at €6bn. The unique properties of its products open applications bringing solutions to technical challenges in three distinct fields: architecture, purpose-specific membranes for professionals and composite fabrics for consumer products. The Group's main competitive advantage lies in its unique proprietary technology and associated know-how. With its two brands, Serge Ferrari and Verseidag, Serge Ferrari Group is one of the world leaders on the markets of tensile architecture, modular structures and solar protection. The Group owns several industrial sites in France, Switzerland, Germany, Italy and Asia. It operates in 80 countries through local subsidiaries or representative offices, and a network of more than 100 independent distributors worldwide. At the end of 2021, Serge Ferrari reported a consolidated turnover of €285.9m, up 46.4% from last year. Listed on Euronext Paris, the Serge Ferrari Group employs 1,000 people worldwide

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**DILO**GROUP  
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# ENERGY-EFFICIENT MANMADE FIBER SYSTEMS FOR THE TURKISH MARKET

**Neumünster, Remscheid, April 28, 2022 – the ITM in Istanbul, repeatedly postponed due to the pandemic, will now take place at the Tuyap Fair and Congress Center with around 1,000 international exhibitors between June 14 and 18. The Oerlikon Polymer Processing Solutions division will be showcasing its solutions and technologies at the Tekstil Servis stand in Hall 3, Stand 313.**

The focus for the machine and systems builder will be on total solutions – from melt to yarn, fibers through to nonwovens. “Turkey is an extremely active market”, comments Sales Director Oliver Lemke, talking about the current mood in the country. “Our customers are hugely interested in factory projects that comprise everything – from the in-house polycondensation system through to the textured yarn, the accompanying automation and corresponding digital solutions. Basically, From Melt to Yarn and beyond.” The unbeatable benefit of such concepts is that procuring all process steps from a

single source promises harmonized technology, whose design guarantees that the produced yarn is high quality. A further information focus will be on the topic of sustainability. There are currently many developments taking place in manmade fiber yarn manufacturing: mechanical and chemical technologies for recycling of bottles, but also of textiles and biopolymers as well as the circular economy – all these are already possible. With partners and subsidiaries, including Oerlikon Barmag Huitong Engineering (OBHE) and Barmag Brückner Engineering (BBE), Oerlikon Polymer Processing Solutions will be un-



veiling concrete concepts at the trade fair. BCF technology: tangling 6,800-dtex yarns with the RoTac<sup>3</sup> High-pile carpets and carpets for outdoor use are currently on trend, with demand for these high-margin yarns noticeably rising. The thick BCF yarns made from PP, PET and PA6 required can now be tangled using the RoTac<sup>3</sup>. In so-called plying, all three filaments are jointly fed through a tangling opening in the RoTac<sup>3</sup> and then tangled. “BCF yarn manufacturers can now also

use the RoTac<sup>3</sup> for yarns of up to 6,800 dtex. They not only benefit from energy savings due to lower compressed air consumption and considerably more even tangling knots, manufacturers can also respond more flexibly to market requirements and hence expand their product portfolio”, explains Arnd Luppold, BCF Sales Director, talking about the advantages of plying using the RoTac<sup>3</sup>. Even at high production speeds, tangling knots can be set much more evenly with the RoT-

ac<sup>3</sup> than in the case of other conventional tangling units. Frequent tangling glitches are now a thing of the past. This ensures better yarn quality and has a positive impact on further processing. The result: the carpet has a visibly more even appearance. Furthermore, compressed air consumption is reduced by up to 50 percent, depending on yarn type.



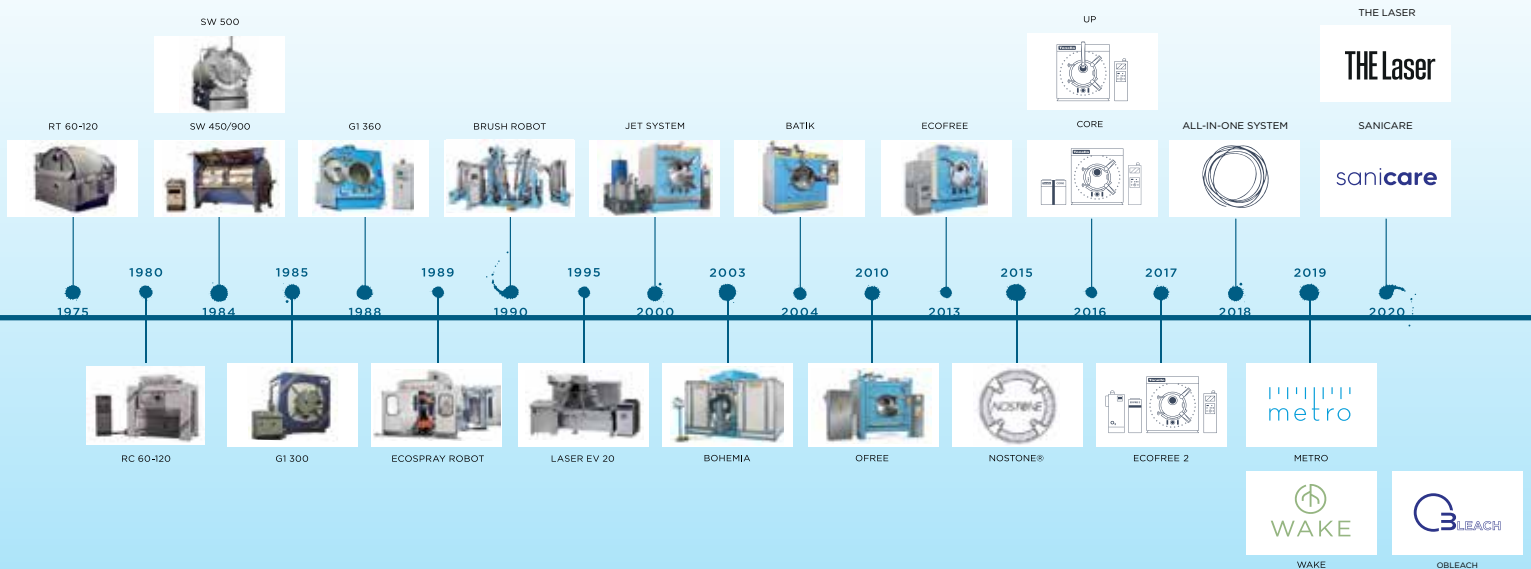
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-SIN(E 1981)-  
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An important anniversary that celebrates continuous evolution, innovation,  
but also responsibility and people. And among people, there are **you**:  
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Thank you for believing in our capabilities and in our responsible technologies,  
and for continuing to choose us. **Since 1981 and beyond!**



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## Why we love to innovate

As a leader in the manufacturing of spinning & twisting rings, the PROSINO mission is simple: help its customers to improve their performances. Today the yearly production is of 9.000.000 rings. The raw material offered for the manufacturing of their products goes from 100Cr6 ball bearing steel, stainless steel, sintered steel. PROSINO supplies a complete range of ring holder in steel and aluminum, ring-rails for the short and long staple segment as well as sintered metal rings for technical textiles (Carpet, fiber glass, synthetic fibers). The most important OEM producers like RIETTER, MARZOLI, ZINSER, COGNETEX, SAURER like hundreds of spinning mills worldwide relies on PROSINO

quality products.

## We make the difference

When it comes to spinning and twisting rings, Prosino srl is the market leader with an yearly manufacturing of more than 9.000.000 rings and world market presence since 1946. Everywhere in the world the best spinners work with Prosino since they know that they can get customized products, top quality and fair prices directly from the manufacturer. The same care and dedication are put in the relationship with the most important bearing manufacturers worldwide, that have found in PROSINO outstanding quality, just-in-time deliveries, flexibility and technical competence.



# SAURER TECHNOCORDER TC2 WITH BRILLIANT INNOVATIONS AT TECHTEXTIL 2022

TECHTEXTIL IS THE LEADING INTERNATIONAL TRADE FAIR FOR TECHNICAL TEXTILES AND NONWOVENS. THIS YEAR, IT WILL AGAIN DRAW LARGE NUMBERS OF INDUSTRY EXPERTS TO FRANKFURT FROM 21 TO 24 JUNE 2022. AS A REGULAR PARTICIPANT, SAURER TWISTING SOLUTIONS IS DELIGHTED TO BE WELCOMING CUSTOMERS AND EXPERTS FROM ALL OVER THE WORLD TO ITS BOOTH D77 IN HALL 12. THE FOCUS IS THE TWO-FOR-ONE TWISTING MACHINE TECHNOCORDER TC2 WITH BRILLIANT INNOVATIONS AND VALUABLE CUSTOMER BENEFITS.

The Saurer TechnoCorder TC2 is a high-performance machine for twisting single and multiple yarns from a multitude of supply materials in a very wide range of count materials. The further development of the TC2 represents three decisive innovations and offers Saurer customers significant competitive advantages. PreciWinding: just put more on it. With the newly developed take-up area from Saurer, twist packages with precision winding can be produced on the TechnoCorder TC2 Plus in an outstanding quality. With their compact shape, high density and an exact edge structure, the packages demonstrate better unwinding

behaviour. The reduced handling effort and the resulting increased productivity are easily noticed by Saurer's customers. In addition, transport costs can be reduced by increasing the package density. This is an economic advantage, especially in the current environment. Running smoothly with the oiling device from Saurer. The responsible use of resources is also of particular importance to Saurer's customers. For the recycling of big bags, for example, unmixed materials are required also with regard to the sewing thread. For finishing the twisted PP yarn, Saurer offers an oiling device directly after the twisting process. This new option sustainably

increases the benefits for Saurer customers. Maximum quality is indispensable. Technical textiles are rightly expected to meet the highest standards, because they must be extremely resilient and guarantee best possible safety. Online monitoring of the quality parameters with our newly developed quality sensor ensures the required quality. The Saurer exhibition team is looking forward to welcoming customers and visitors at the Techtextil 2022 and to informing them about the advantages of the TechnoCorder TC2 in person.



*Saurer TechnoCorder TC2 for opening up new markets for industrial yarns*

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# THE KARL MAYER GROUP WILL BE PRESENTING SOLUTIONS FOR A BETTER FUTURE AT TECHTEXTIL, 21-24.06.2022, MESSE FRANKFURT, HALL 12.0, C93

16 May 2022

Warp-knitted footwear fabric with 3D-printed reinforcement structure Fig. 2: 4D-KNIT article Fig. 3: warp-knitted sensors with optimised skin contact Fig. 4: Processing of flax fibres on a multi-axial warp-knitting machine

## Sustainability is the new functionality.

The KARL MAYER Group will be presenting itself at Techtextil from June 21 to 24 2022 in Frankfurt am Main as an innovative partner in the production of high-performance textiles. The global player can be found in Hall 12.0 on Stand C93. Innovative



patterns and application examples of warp knitting and flat knitting will be shown. More sustainability through solutions from the warp knitting industry The KARL MAYER Group manufactures biaxial and multi-axial warp-knitting machines, as well as warp-knitting machines with and without weft insertion, on which functional articles for a wide range of applications are produced. With its exhibition, the manufacturer joins the key theme of Techtextil: sustainability. For the composites industry, it presents solutions for the production of fiber-reinforced plastics made from natural fibers.

The renewable resources are processed on weft and multi-axial warp knitting machines into reinforcement structures that open up completely new perspectives in terms of their environmental performance. The textile innovation 4D-KNIT offers new possibilities for a better life cycle assessment of fashion articles and outdoorwear. The fabric for midlayer and softshell performance solutions scores with a sophisticated textile construction that leads to significantly lower fiber release during washing than when using double-sided raised fleece fabrics. Besides, a positive effect

for the environment is a reduction in microplastic pollution. Another focal point on the KARL MAYER stand is the topic of "Smart Textiles and Wearables". With the possibilities of jacquard and multibar patterning of warp knitting machines, electrically conductive yarns can be integrated directly and tailor-made into knitted fabrics in order to implement functional elements such as sensors, conductors and coils in an uncomplicated way. The textile properties remain unaffected. The potential arising from the seamless combination of electronics and textiles is being researched in the



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company's own TEXTILE-CIRCUIT unit. The latest results of this work will be on show at the KARL MAYER stand at Techetxtil. As an innovative pioneer, the Group is also working on forward-looking solutions in the field of additive manufacturing. The work under the heading RAPID TEXTILE focuses in particular on the combination of 3D printing with textile technology. In principle, the combination of the versatile printing process with traditional fabric formation technology offers new possibilities for production on demand. If only what the consumer needs is manufactured, this is also a contribution to greater sustainability. Techtextil will show how the 3D printing process can be integrated into series production. For the first time, the KARL MAYER Group also

has flat knitting innovations from STOLL in its trade fair baggage. The presentation will include solutions for waste-free production, the implementation of multifunctionality in a single process step, 3D shaping without additional work steps, and efficient knitting-on-demand production. For the first time, the KARL MAYER Group will also have flat knitting innovations from STOLL in its trade fair baggage. This business unit of the KARL MAYER Group will also be exhibiting samples on the themes of sustainability and recyclability. Both are basic requirements which the flat knitting technology meets excellently from the outset, for example with solutions for waste-free production, the implementation of multifunctionality in a single process step, 3D shap-

ing without additional work steps, and efficient knitting-on-demand production. For this purpose, STOLL will be showing current and innovative application topics from the currently important areas of bandage technology as well as shoe uppers and cover fabrics, which correspond 100% to the required expectations of sustainability. In addition, special industrial and transport topics will be the focus of the exhibition. A wide range of synergies are expected from the first trade fair appearance under the umbrella of the KARL MAYER Group. For example, the STOLL team would also like to get to know the customers of other KARL MAYER business units and open up the wide product world of the entire group to its customers.

## MAYER & CIE. AT THE ITM. TURKISH CIRCULAR KNITTING MARKET OFFERS PROSPECTS IN TURBULENT TIMES

2 May 2022

After a four-year, Covid-related break the German circular knitting machine manufacturer Mayer & Cie. is exhibiting with its Turkish representative Mayer Mümessillik (MMÜ) once more at the important International Textile Machinery Exhibition (ITM) in Istanbul. At Booth 713 in Hall 8, Mayer & Cie. will present three machines: the D4-2.2 X interlock machine, the OV 3.2 QCe for double jersey structures and the MV 4 3.2 II for single jersey fabrics. For the Mayer & Cie. and MMÜ team the focus will be on in-person contacts with customers, suppliers

and partners. Despite the tense international situation both the manufacturer and its representative are positive about the medium-term outlook for the Turkish market.

**Established machines with that something special: OV 3.2 QCe for double jersey structures**

The portfolio of machines that Mayer & Cie. is exhibiting at the ITM is tried, trusted and popular. The OV 3.2 QCe is a specialist for interlock fabrics and double jersey structures that it knits in both filament and synthetic fibre yarns. With a conversion kit the OV 3.2 QCe also qualifies as a producer of 8-lock

structures, spacer fabrics and fine gauges. The machine is available in a choice of three frames: from open-width and industrial to giant frame. Stefan Bühler, regional sales manager for Turkey, has this to say: "Not for nothing has the OV 3. 2 QCe been one of our most popular machines for years. It is mainly used for sportswear and for leisure- and outerwear." In Istanbul the OV 3.2 QCe on show will be a 30-inch, E40-gauge model. **D4-2.2 X for fine rib and interlock fabrics**

The double-jersey D4-2.2 X is an obvious choice for knitting fine rib fabrics of up to E28 gauge. Spacer





and interlock fabrics are also part of the machine's established repertoire. And it can produce elastomeric plating in both cylinder and dial cam. No matter which of these tasks is assigned to the D4-2.2 X, it performs it with impressive productivity.

#### **MV 4 3.2 II for flexibility in the single jersey sector**

In the single jersey sector, the long-established German firm delivers a literally fine solution. The MV 4 3.2 II on show at the ITM knits to an E38 gauge. The machine can also be supplied for gauges from E14 to E60. It is, in addition, highly flexible, with a repertoire that ranges from piqué and double piqué to one-thread fleece and smooth single jersey. Turkey is a market with prospects. The challenges that the global economy faces are at present enormously wide-ranging, of course," says Mayer & Cie.'s Turkey specialist Stefan Bühler. "The Russian invasion of the Ukraine, sup-

ply chain outages, shortages of raw materials and skyrocketing energy prices all create uncertainty." And then there is galloping inflation in Turkey and elections in 2023. Yet despite, and in part because of, this state of affairs Bühler and Kahraman Güveri, CEO of Mayer & Cie.'s Turkish representative MMÜ, hold a positive view of the market outlook for the years ahead. Large orders, especially for standard products, are on the increase, Kahraman Güveri explains. That leads to new investments, new companies and a growing demand for refurbished machines that then need to be replaced by new machines elsewhere. And former commission merchants are now enterprises in their own right. "Apart from that, Turkey benefits from its proximity to Europe, transport routes are manageable," says Stefan Bühler. "This location advantage attracts brand manufacturers who together with their orders bring new approaches, new

designs and new technologies into the country." And Turkey's already very highly developed textiles sector benefits too. That, says Kahraman Güveri, is why one can be confident for the next few years, "at least for as long as nothing unforeseen happens". The ITM is an important platform. The last ITM was held in 2018. Held every other year, the ITM fell afoul of the Covid pandemic in 2020. It is not yet clear how attendance will compare with before the pandemic. "The ITM, together with the ITMA, was definitely a highlight in the trade fair calendar," Stefan Bühler says. "I have my doubts as to whether it will attract such a large international turnout this time round. Yet we nevertheless look forward to it eagerly. There is no substitute for direct, in-person contact with customers and partners, and after two years of online meetings it is simply an urgent necessity.



*An assembly line at Mayer & Cie. in Albstadt-Tailfingen. Photo: Ralph Koch for Mayer & Cie.*

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Mayer & Cie. headquarters in Albstadt, Germany. Photo: Ralph Koch for Mayer & Cie.



HOHENSTEIN  
Pakistan



- 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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# PRODUCT NEWS & ANNOUNCEMENTS



## ELKOMETER 200

ELKOMETER 200 provides yarn producers and converters with a high-volume precision tool for off-line defect detection. A powerful yarn take-off unit guides up to eight parallel positioned yarn samples through PROMPT OLO online sensors. Defects such as thin- and thick places, broken filaments and fluff are detected and reported in terms of quantity and position. If an in-depth defect analysis is requested, images of each detected defect can be generated by means of the optional DEFECT VIEW camera system, which is installed at one of the positions. Additionally, to the pure inspection mode, a special defect assessment mode enables human inspection by stopping the system after each detected defect.



## RUNOFF

RUNOFF completes Lenzing Instruments product range for INDANA/EDANA-compliant absorption testing of nonwoven coverstock or topsheet. Whereas the two standard setting instruments

Lister AC and Wetback give feedback about the liquid strike-through and rewet properties of nonwoven materials, RUNOFF analyses the absorption characteristics of a nonwoven specimen positioned on an inclined plane as being exposed to a constant flow of liquid. Features such as easy liquid collection and the possibility of various instrument adjustments make RUNOFF an easy-to-use instrument for controlled and reproducible measurements.

**Biancalani**  
TEXTILE MACHINERY

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**BT 100**

Bulky fibers and filaments used as filling material in cushions, duvets etc., are tested for their filling power, compressibility and recovery properties with Lenzing Instruments BT 100.

Highly reproducible results are guaranteed by the automated testing procedure, which also allows for testing of a high number of fibers during one and the same test run.

**PROMPT OLO**

PROMPT OLO is a new optical sensor, which is ideal for quality control tasks with limited space conditions. The sensor with minimised dimensions monitors mono- and multifilament yarn for typical defects and decisive yarn characteristics. Even the smallest defects are detected by PROMPT OLO, thereby enabling on-line monitoring of defects in applications, where this was not possible before due to sensor limitations.



# DATACOLOR INTRODUCES SUBSCRIPTION PAYMENT PROGRAM FOR DESKTOP SOFTWARE

**Lawrenceville, NJ (May 10, 2022)**

Datacolor®, a global leader in color management solutions, announced today the release of its annual subscription payment program, now available for its color formulation software products Datacolor Match Textile and Match Pigment, as well as for its color management software Datacolor Tools. The annual subscription program provides customers in the textile, paint and coatings and plastics industries with a cost-effective alternative to use the same software available as a one-time perpetual license, reducing the initial investment needed. The software offering includes access to the Company's latest dig-

ital color management software as well as software updates and access to Datacolor's customer support. "Our annual subscription payment program is one of many Datacolor solutions designed to meet evolving customer needs. By reducing the barriers of accessibility to our core color management software we can help more customers digitize and optimize their color workflow," said Albert Busch, President and CEO, Datacolor. Color workers who take advantage of the annual subscription program can expect to benefit from all future software enhancements and receive support for new operating systems.

## About Datacolor

Datacolor, a global leader in color management solutions, provides software, instruments and services to assure accurate color of materials, products, and images. The world's leading brands, manufacturers, and creative professionals have used Datacolor's innovative solutions to consistently achieve the right color for more than 50 years. The company provides sales, service, and support to over 100 countries throughout Europe, the Americas, and Asia. Industries served include textile and apparel, paint and coatings, automotive and plastics as well as photography, design and videography. For more information, visit: [Datacolor.com](https://Datacolor.com).

# WHAT IS COLOR MANAGEMENT?

18 May 2022

In digital imaging systems, Color Management includes the technology and best practices designed to create digital communications that ensure consistency of color representation across various devices. In digital workflows, information is saved, rendered and outputted. Color Management is used to correct and quantify a device's color output so information between de-

vices can be effectively used.

Above, looking at the chart of a photographer's typical workflow you can see all the points in the process where information is either gathered or shared among devices, such as: Your camera needs to be able to capture a scene you photograph in the way you intend it to. Your computer needs to accurately render that image on your display. You need

to be able to effectively see the edits you make on an image. You need to be able to achieve consistent results from screen to print. Unfortunately, Color Management was not in place in the case illustrated above, resulting in the failure to meet the photographer's expectations. For a photographer, Color Management occurs in three different places in a workflow: Capture, Editing





and Output (Print). Datacolor provides Color Management tools for each of these workflow processes: Capture – Color Management helps your camera and editing software work together so you can capture the world around you with accuracy, pertaining to both color and lighting. Color Management Tools: Spyder Checkr Products – (SpyderCheckr, SpyderCheckr24): Calibration software analyzes the results of your test photo and instantly creates a profile which you then apply in your workflow with RAW import software such as Adobe Photoshop, Adobe Lightroom and Hasselblad Phocus, for automatic color correction. SpyderCube – Accelerate RAW processing by taking one reference shot under any light condi-







18 May 2022

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can capture the world around you with accuracy, pertaining to both color and lighting. Color Management Tools: Advanced lens-based technology provides a higher level of color accuracy with more precise screen color, shadow detail and white balance. With SpyderX, you can be sure that what you see is what you get. Output (Print) – Color Management is used to create profiles for papers and printers to help make prints that are consistent with your display and with your intended vision. We are visual people who trust our eyes and our instincts for making our art. Using Color Management helps meet our workflow expectations and realize our photographic vision.

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# REDESIGNED POWERTEAR ENHANCES CUSTOMER EXPERIENCE AND ACCURACY

May 03, 2022

SDL Atlas launches the next generation of its popular PowerTear™ Elmendorf Tear Tester. The new full color touch screen controller makes the instrument even easier to operate while the enhanced unit conversion and results tracking will greatly increase the customer experience during testing. The PowerTear™ is the most versatile tearing tester of its kind, allowing for the testing of both light and heavy weight samples. By adding the separately sold proprietary “E” Pendulum kit, the capacity of the PowerTear increases to 128 N, perfect for heavy duty samples. Other features of the PowerTear™ include:

- Pendulum and weights for 8 , 16 , 32 and 64 N fit a wide variety of testing demands.
- Results are displayed in mN, cN, N, g, kg, oz and lb. The display shows the sample number and which pendulum is in use.
- Adjustable controls for pendulum balance allows the user to precisely determine the center of gravity and make changes as required.
- Electromagnetic brake halts the pendulum after the test for user safety.
- Touch screen controller can

store 100 test results.

- Large platform ensures instrument stability during testing.
- Set of test weights and check weights come in acrylic racks for safe storage. ;The sleek new design will enhance the look of any laboratory. Committed to providing customers confidence in standard based testing, SDL Atlas has offices and experts in the United States, United Kingdom, Hong Kong

and China, plus agents serving over 100 countries, SDL Atlas is ready to support its customers with instruments, consumables, and services anywhere in the world.

## DATACOLOR - World Class Repeatability

State-of-the-art microprocessor control and sophisticated algorithms ensure temperature regulation. Every step of your process is monitored and managed at a high







level of accuracy. Strict attention to detail and design improves the safety of operators, delivering a low environmental impact machine.

#### **Improved Productivity**

Operator error is essentially im-

possible – intuitive multi-language user interface easily recalls up to 99 locally stored programs. Programming flexibility allows quick programming to match production processes. Up to 20 dyeing posi-

tions in the dyeing unit ensure that a large number of samples can be dyed accurately. Dosing options are available for swift addition of liquid or powder auxiliaries during the dyeing process.

## NEW GENERATION OF MESDAN-LAB TENSILE STRENGTH TESTERS - A COMPLETE RANGE

The revision of the popular TENSOLAB semi-automatic single-column strength tester was announced during the last ITMA with the introduction of the 4th generation, the TENSOLAB 4.

TENSOLAB 4 replaced the former model which several hundreds were sold worldwide in the past 20 years. The new TENSOLAB 4 embodies a combination of the best ingredients: latest technolo-

gy, best electronics, new software & new accessories, stunning performances (in terms of capacity, versatility, accuracy and testing efficiency), Italian design. The new TENSOLAB 4 represents the



## TEXTILE TESTING

forefront of testing flexibility, being configurable for testing any kind of textile & leather material, from single and bundle fibers up to garment accessories and technical fabrics. Based on the new structure of TENSOLAB 4, a new single-position automatic version was developed, the AUTODYN 3, Nendowed with the automatic yarn-loading device. Ideal for the automatic multiple testing of a single bobbin/yarn package.

It can be used in the semi-automatic mode as well for testing all other materials, such as fibers, threads, skeins, fabrics, etc.. And finally the latest innovation, the AUTOFIL, a fully automatic 24 positions yarn strength tester. The integrated automatic cop feeding system, the built-in PC, its versatile applications, compact design and high testing speed are only few features that characterize the new AUTOFIL. To complete the range, Mesdan offers two models of double column heavy-duty strength testers, TENSOLAB 1000 (10KN capacity) and TENSOLAB 5000 (50KN capacity), designed for high tenacity technical yarns and fabrics, ropes, straps and similar heavy materials. Last but not least, the third generation of the well-known portable SPLICE SCANNER. The first model was launched 25 years ago, its success and popularity are unrivaled, from spinning to dye-houses. The functional diversification, the product diffusion and its price fairness brought forward to rank MesdanLab range of strength testers among the most complete and popular worldwide. Such a long presence of MesdanLab products across the global textile supply chain testifies, not only its leadership, but also its commitment to serve the textile industry with constant up-to-date technologies and improvements.



Experts, chemically speaking

### SURFOX

Speciality scouring auxiliaries

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### FASTASOL

Select range of dye fixing agents for fastness improvement

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### OXIFLAM

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# PICANOL TO PRESENT ITS LATEST WEAVING INNOVATIONS AT THE ITM 2022 FAIR

THE ITM 2022 FAIR IS BEING HELD AT THE TÜYAP FAIR CONVENTION & CONGRESS CENTER IN ISTANBUL FROM JUNE 14 - 18, 2022. PICANOL WILL BE SHOWCASING ITS LATEST TECHNOLOGY IN HALL 2, BOOTH 219. ITM IS THE FIRST MAJOR TEXTILE MACHINERY FAIR WHERE PICANOL'S LATEST DEVELOPMENTS, WHICH WERE RELEASED AT THE END OF 2021, WILL BE SHOWN TO A LIVE AUDIENCE. NOT ONLY WILL FOUR MACHINES FROM THE CONNECT GENERATION BE ON DISPLAY AT THE PICANOL BOOTH BUT THE NEW AND FULLY DIGITAL PLATFORM PICCONNECT WILL ALSO BE DEMONSTRATED. WITH THESE INNOVATIONS, PICANOL HAS ONCE AGAIN CONFIRMED ITS LEADING ROLE AMONG WEAVING MACHINE MANUFACTURERS.

With our strong presence at this exhibition, we want to make a clear statement on the importance of this market for Picanol. Our team is really excited and looking forward to explaining how our innovations will ensure we continue to grow together with the Turkish textile industry and our customers in particular," explains Mr. Kurt Lamkowski, Manager Worldwide Sales. On the occasion of the ITM fair, Picanol will also highlight its recently launched PicConnect platform. PicConnect

offers Picanol customers a wide range of features, from industrial IoT to service-related applications. This includes, for example, the new webshop for Picanol Original Quality Parts, which is called PartsLine. Therefore, PicConnect truly is a "must-have" for all our customers. "Going a step further and connecting Picanol weaving machines to PicConnect will allow our customers to leverage the full extent of the machine possibilities. The brand-new functionalities,

such as the applications for energy and production monitoring, the file management system, and the style administration application can be discovered at [www.picanol.be/machines-features/picconnect](http://www.picanol.be/machines-features/picconnect)," continues Mr. Lamkowski. Details of the Picanol weaving machines that will be on display at ITM Istanbul:

1. OptiMax-i Connect-4-R-220 Fancy denimm The digital loom! A machine that is driven by data, relying on smart performance, with sustainability always in mind.

## ZAX<sup>neo</sup>001 AIR JET LOOM



*Neo Weave Technology*



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+49 176 97066062  
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# Neo Weft Insertion System

Fruits of weft insertion technology, the outcome of efforts to pursue energy savings and high speed performance. Nozzles, valves, and control technology, all of which are the basis of the air jet loom, are optimized. A greatest masterpiece of user-friendliness with special consideration for easier setting operation and adjustment. Integrated auxiliary main nozzle Solenoid valve and auxiliary main nozzle body integration creates a pipe-less system. Residual compressed air is reduced and weft feeding force is increased. The integrated auxiliary main nozzle reduces broken or slack picks and weft insertion pressure. It also provides an extensive support for easy-to-break wefts. FDP-A IV Electronic Free Drum Pooling system By greatly improving the acceleration performance, a change in storage amount of wefts at startup and during at-will motion for multi colors is minimized, ensuring stable weft insertion. Soft weft insertion for sensitive weft is possible. A contactless yarn breakage sensor detects yarn breakage. It is possible to adjust the pre-winding direction on the FDP according to the twist direction of yarns.

## Yarn storage sensor

Weft storage can be monitored and automatically supplied during operation. Stress to the weft due to the resistance when the weft is released from the drum is min-

imized, so weft insertion is stabilized.

## Neo Valve System

Due to pursuit of high performance, an innovative system with advanced air-saving performance is offered.

Automatic compensation function by time is possible in addition to the conventional weft insertion timing (loom angle) control. It enables air jet control according to the actual weft insertion condition, eliminating wasted air consumption. Loom frames are unavoidably exposed to vibration due to movement of the heavy components. Because many long components are built widthwise, the loom has a weak structure. To solve these problems, existing looms have been repeatedly reinforced. Now, TSUDAKOMA completely switched the method. We developed a new ideal loom frame. Highly recessed loom components, instead of flat or box-shaped, are the advanced platform. Both high robustness and lightweight moving components are achieved while ensuring reliable power transmission.

Specially designed frame structure The rib-structured frame with integrated let-off frame and shortened stays produces higher robustness. It contributes to ultra-high speed operation and vibration reduction.

## Advanced beating system

By optimizing the link mechanism

against the conventional model, expanded dwell angle is attained. Under the same condition of the warp shedding amount, it is possible to ensure a longer weft insertion timing. Defective shedding is reduced, improving the loom operation.

## Cam beating

Due to a physical dwell, the time and space for weft insertion are increased. Weft insertion becomes more flexible, allowing greater versatility for wide and high-density fabrics.

## New heald frame

Under the supervision of TSUDAKOMA, an advanced heald frame featuring highly robust and lightness is designed for ultra-high speed operation. The advanced heald frame plays a major role in increasing maximum speed of the shedding motion. \*Select depending on the specifications. Lightweight and well-balanced rocking shaft Lightweight and optimally balanced reed holders and rocking shafts are used. Driving inertia is reduced and the balance is improved, resulting in lower vibration. Direct gear drive The drive motor is directly connected to the gear. Due to stable start-up operation, stop marks are prevented and the belt-less drive motor is maintenance-free.



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# ITEMA OPENS A NEW COMPANY IN TURKEY

## FURTHER STRENGTHENING THE PRESENCE IN THE TURKISH MARKET

May 19, 2022

Colzate, Italy and Istanbul, Turkey – Ite-ma, the leading provider of advanced weaving solutions including weaving machines, spare parts and integrated services, announces the establishment of a new company in Turkey. The Turkish subsidiary, that operates under the name Ite-ma Tekstil Makineleri Servis Sanayi ve Ticaret Limited Şirketi, began its operations in Istanbul – company headquarters - and Bursa – company branch office - as early as April 13. The operation, aimed at enhancing the local presence and increase efficiency when serving the company's significantly growing Turkish customer base that represents a sizeable part of Ite-ma's global turnover, is in line with the Company's strategy to build up a stronger presence in major weaving markets.

"By leveraging the existing close partnerships of the strong Ite-ma agent networks in Turkey and our dedicated resources on the ground, now we can even better serve the exact needs of our Turkish customers," said Ugo Ghilardi, Ite-ma Group CEO. "Customer satisfaction is the main priority and driving force behind everything we do at Ite-ma. Our proximity to our valued customer base reaffirms our customer focus and commitment to their success." The new organization in Turkey relies on the know-how and experience of Bilol Tekstil, historic Ite-ma



partner in the country, and will count on the cooperation with A. Modiano, with whom Ite-ma carries on a long-standing partnership in the market. "The decentralized structure of Ite-ma Turkey ensures to the Ite-ma Turkish customers the well-known benefits of the Ite-ma central organization with the advantage of a local power of action" commented Pamir Özaltan, Ite-ma Turkey General Manager. "We have always felt part of Ite-ma, and now we are proud to be part of the Ite-ma staff in all respects." "There will be no change, except for the better" stated Vedat Anjel and Mehmet Öz, Partners of A. Modiano, "we are glad to be part of this strategic move, that demonstrates the importance of our market for Ite-ma." With production sites in Italy,

China and Switzerland, Ite-ma adds the new branch in Turkey to the existing commercial and service subsidiaries in India, USA, Japan, Dubai and Hong Kong.

Italy · Switzerland · China · Hong Kong · India · Japan · USA · Dubai

### About Ite-ma

Ite-ma is a leading global provider of advanced weaving solutions, including weaving machines, spare parts and integrated services. The Company is the only manufacturer in the world to provide the top three weft insertion technologies: rapier, air jet and projectile, with an ample product portfolio and a commitment to continuous innovation and technological advancement of its weaving machines.



# SHOWCASE FOR EFI'S LATEST MACHINES



Open House puts emphasis on expanding existing businesses. The new VUTEk FabriVU 340i+. 12th May 2022 New printers from EFI will be presented at CMYUK's forthcoming Printer Production Open House that takes place on May 18-19 in Shrewsbury, UK, alongside technology from Mimaki, Canon, Epson, Klieverik, Kongsberg, Trotec and others. EFI is the established leader in digital industrial textile printing and its new VUTEk FabriVU 340i+ offers customers the the

highest income yield, and the lowest acquisition cost. The 340i+ provides businesses with the opportunity to expand into profitable new soft signage/textile applications and has the same versatility as the current EFI VUTEk 340i model, allowing for both direct-to-substrate and paper sublimation printing. An integrated heat fixation unit that can be turned on and off when required negates the need for an additional heat press. With incremental improvements and rede-

signed elements, the new printer has eight Kyocera printheads rather than four, doubling resolution from 300 to 600dpi, and increasing point-of-purchase speeds by 48%. A redesigned heating plate ensures improved temperature uniformity, particularly between jobs, and less outgassing but with the same colour intensity and an overall faster system reaction. A new flag ink removal kit allows the system to manage high ink volumes without touching the loaded material. An



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optional vacuum plate for transfer paper that is field upgradable will be available soon. "There's a great deal of interest around the FabriVU 340i+," said Brett Platt, CMYUK textiles business manager. "It offers a real opportunity for customers to expand their businesses. The integrated fixation capability is perfect for companies that don't have the floor space or CAPEX spend for an additional stand-alone heat press. CMYUK has long been a hub for digital textile printing, and these days it's almost unthinkable for sign and

display businesses not to offer soft signage solutions, including tension fabric and silicon edge backlight graphics, murals, event backdrops, hanging banners, retail fixture wraps, promo tents and divisional graphics."

#### UV LED

The EFI Pro 30h 3.2m hybrid UV LED printer meanwhile offers wide format 3.2 metre-width production at a highly competitive price point of £164,995 including delivery, warranty and installation. The EFI Pro 30h 3.2m hybrid UV LED printer.

This printer is designed to be ultra-productive and leverages proven technological innovations found in EFI Reggiani textile printers. With ultra-quick set-up times and an in-feed take-up system, the EFI Pro 30h handles dual media rolls as well as continuous board printing, delivering 100% productivity by enabling boards to be printed back-to-back without stopping the printer carriage. Like the EFI Reggiani, it utilises a magnetic linear drive rather than a pulley system ensuring a far quieter carriage, with less vibration

**84%**  
Less energy

**HEIQ LIFE**

**Alchemie**

**Sustainable odour control x digital finishing**

**92%**  
Less water

to ensure consistent and precise ink dot placement. It also features dual monitors giving screen access for production control working at both the front and back of the press, increasing efficiency for the operative. This printer also comes with XA inks, a new inkset that is available in large five litre bottle sizes. These new inks can be used for both roll-to-roll and rigid applications as they are flexible and also adhere very well to rigid sheets. They are durable and resistant to finger marks and any contusions brought about by the stacking of rigid materials. EFI has transitioned

away from UV mercury ink curing to cold LEDs. This has several benefits including low energy consumption, while curing with lower temperatures enables the option of printing thinner, lighter, sustainable materials that don't buckle or malfunction due to heat issues. Unlike UV mercury lamps that need to be replaced every year, LEDs have a five-year lifespan.

May 10, 2022

**New HeiQ Life peppermint odour-preventing treatment applied with groundbreaking Novara single sided digital process** Furthering their sustainable tex-

tile finishing partnership, Alchemie Technology and HeiQ (LSE:HEIQ) are enabling a step change in odor preventing textile finishing. HeiQ Life botanical odour control, applied using Novara digital finishing technology, uses 84% less energy and 92% less water to add sustainable and durable odour control to fabrics. Alchemie Technology, experts in low energy, digital dyeing and finishing technology, partnered with HeiQ, leader in textile innovation, in 2021 to bring sustainable, effective technology to manufacturers across the world and reduce the cost and environmental impact

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of textile finishing. Now, HeiQ has launched HeiQ Life, a renewable source peppermint oil-derived textile technology to control malodour development on textiles. HeiQ Life imparts fabrics with a long-lasting odour control capability. Thanks to the use of peppermint oil as active ingredient, the source of body odours is tackled: odour causing bacteria are inhibited from growth on the textile surface to keep garments fresh, clean, and comfortable. HeiQ Life is especially suitable for apparel such as sportswear, base layers, linings, intimates, hosiery, casual and business wear, but is also designed for home textiles. HeiQ Life can be used on all textiles and is compatible with other finishes, including fabric softeners and wicking agents. It is durable for up to 50 washes. When using Alchemie's Novara™ precision digital finishing solution, which uses high velocity jetting technology, to apply HeiQ Life odour control to textiles, the process will consume 84% less energy and 92% less water than the conventional padding process – ultimately improving sustainability and saving costs. In Alchemie's trials, Novara required 0.4 kWh energy and 0.06 litres of water per kilo, compared to 2.6 kWh energy and 0.8 litres of water using a padder system. Alchemie's Novara low energy, single sided digital application system enables functional

finishes to be applied at up to 20x the concentration of traditional processes – with a more even application and higher quality. Alchemie Technology is on a mission to stop 500 million tonnes of total global CO2 emissions being produced by the fashion and textile industry by 2030, by providing manufacturers with more sustainable solutions. Dr. Simon Kew, Managing Director of Alchemie Technology, said: "Consumers are all too aware of the need to improve sustainability, but brands and manufacturers need to lead the change and invest in more sustainable textile production methods. Annually, approximately 1 million tonnes of chemicals are used for applying functional finishes to apparel and home textiles. The textile industry is one of the biggest polluters on the planet, yet it is also one that can achieve the biggest and quickest amount of change." "Alchemie's low energy, digital finishing technology, together with HeiQ's plant-based odour control, delivers high performance sustainable finishing which dramatically reduces energy, water, and environmental impact, while also reducing production costs."

"Our quest for achieving the ultimate in sustainability took a big step in the right direction thanks to our partnership with Alchemie Technology. Consumers typically wash apparel when they smell.

Odor-free textiles will be laundered less frequently thereby using less resources as washing represents >30% of the environmental footprint of a garment's lifetime. With HeiQ Life odor-preventing plant-based ingredient, consumers can wash less and wear more frequently and its application to textiles using Alchemie's Novara energy saving finishing process takes the sustainability of treated textiles to the next level. We look forward to our fellow humans smelling fresh throughout the day with good conscience" says Carlo Centonze, co-founder and CEO of HeiQ.

#### About Alchemie Technology

Textile dyeing and finishing processes are some of the most polluting manufacturing processes on the planet and are responsible for over 20% of global water pollution. To address this urgent issue, Alchemie has developed breakthrough digital dyeing and finishing technologies that deliver a dramatic reduction in energy consumption and eliminate contaminated wastewater emissions. Alchemie's mission is to transform the textile industry with digital manufacturing solutions that eliminate the environmental impact of polluting processes and stop 500 million tonnes of CO2 emissions being produced by the fashion industry by 2030.



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# INDITEX SIGNS 100M DEAL WITH INFINITED FIBER COMPANY



17 May 2022, Spain Inditex, the parent company of Zara, has announced a new partnership with circular textile startup Infinited Fiber Company in a supply arrangement worth more than 100 million euros. Inditex will purchase 30% of the organization's annual projected production volume of Infinna, a fiber composed entirely of textile waste, over a three-year period. The transaction is consistent with Infinited Fiber's growth strategy since it is presently building its first large-capacity facility, which it plans to launch in 2024 when Inditex begins purchasing Infinna. Javi-

er Losada, Inditex's chief sustainability officer, said that they truly believe innovation is critical for the fashion industry's competitive circular future, which is why they are actively working to find solutions and searching for new partnerships, processes, and materials to achieve textile-to-textile recycling. Losada added that collaborating with others in new creative efforts – such as Next Generation fibers like Infinna – is critical to carrying out the transformation the industry requires. The trademarked fiber mimics the feel of cotton and can be recycled several times using the

same technology developed by the organization. It enables businesses to reduce their usage of virgin resources and transition to a circular production technique. Zara has launched a capsule collection of apparel sourced in conjunction with Spanish NFO Cáritas, the retailer's clothing collection program partner, to commemorate the agreement. The collection, which is accessible on Zara's e-commerce site, was created using Infinited Fiber's textile waste regeneration technology.



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# BANGLADESH MOVING UP THE VALUE CHAIN

Once renowned for predominantly making basic apparels, more and more garment makers in Bangladesh are now foraying into exciting and new product categories to command better prices and expand markets as Bangladesh looks to stamp its dominance as the apparel manufacturing powerhouse.

16-May-2022

There was a time when Bangladesh's apparel export was more or less concentrated on a handful of items (as per reports, around 73 per cent of its total exports revolved around five basic items including T-shirts, trousers, sweaters and formal shirts).

Increasing overhead and operating costs, compounded further by wafer-thin profit margins in basic items, which continue to dwindle by the day as buyers squeeze the price points, forced the garment exporters to explore new product categories. And also since the manufacturers grew in size and revenue, the companies imbibed more technology and better worker management and with that the focus has also shifted from producing mere basics products to more innovations for value add. Today, Bangladesh garment makers have moved beyond the basics with value, making many new and exciting engineered product categories, amongst which intimatewear, MPPE, uniform and workwear are going to be the next growth drivers.

## Uniforms and Workwear on roll!



The global workwear and uniform market was valued at US \$ 75.63 billion in 2020 and is expected to reach US \$ 109.47 billion by the end of 2027, growing at a CAGR of 4.3 per cent (during 2021-2027) even if as per another report, the global uniform manufacturing industry for the military, navy, fire brigade and police is worth around US \$ 370 billion.

Bangladesh's export though negligible, yet compared to the overall size of the market —defence dresses fetch between US \$ 400 million and US \$ 500 million annually, according to industry people —is set to rise as more and more take to uniform and workwear manufacturing to increase market share and garner better price points.

"Currently, I am making uniforms for the Belgian Army and the police of Kosovo," claims Managing Director of Team Group, Abdullah Hil Rakib.

Uniforms accounted for nearly 2

per cent of Team Group's total apparel export last year.

The volumes are low yet, felt the MD of the group, who said Team Group can entertain more orders as it has the capacity to do so.

Then there is Satexco, an early bird in uniform making in Bangladesh, which is said to be serving the British Army for long.

Speaking to Apparel Resources (AR) earlier, Managing Director of the company Iqbal Hossain claimed Satexco has been regularly supplying army jackets, rucksack, webbing, ammunition pouch, water containers, bayonet holders, pistol holsters and heavy tents.

"We also supply uniforms and other defence-related products to some European countries including France, The Netherlands, Belgium and Denmark. Sometimes we supply uniforms to UK's Royal Air Force as well," claimed Iqbal, adding, "We make the uniform as per the design and style supplied by the authori-



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ties concerned. The higher-ups of the armies of the concerned countries regularly visit the manufacturing unit and inspect production processes to ensure quality conformation. The uniforms and other products are exported after being tested by a third country.” Mirage Textiles is another name in this direction, which even though not into making uniforms for the defence forces except for the police, has been catering to the uniform/workwear requirements of its clients from across the globe for quite some time now. “Unlike fashion, the uniform business is very stable. Our clients are mostly the airlines, restaurants, police and electronics companies,” shares the Chairman

of Mirage Textiles Pvt. Ltd., Lalindra Yahatugoda, in an interview with AR. Snowtex Group (an outerwear exporter), which although does not produce uniforms for defence forces, manufactures workwear and outerwear for fire-fighters, farmers, engineers and other professionals and boasts of four manufacturing units namely Snowtex Outerwear Limited, Snowtex Sportswear Limited, Snowtex Apparels Limited and Cut and Sew Limited.

### **MPPE: The growth driver**

The COVID-19 pandemic, an unmatched health disaster in recent human history, also offered an opportunity for Bangladesh to exploit. As the world continued to grapple with the ramifications of the pan-

demic, the demand for MPPE rose to an all-time high. The second biggest apparel exporter globally, Bangladesh did not miss this opportunity. Since the early days of the pandemic, when production of regular items took a backseat, garment makers took to PPE making, claims Monirul Alam Shuvo from BGMEA, according to whom at least 30 factories took PPE manufacturing initially only to witness the numbers increase by the day. “Just few days ago, we got an export order to make 20 million surgical gowns. All our factories are now booked for the entire year,” claims Fakir Apparels’ Director Mashiur Rahman Shommo, who turned five of his factories into PPE plants as the



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Western clients came calling in face of the initial onslaught of the pandemic. One of the biggest names to take on PPE-making actively was also the renowned Bangladesh business conglomerate Beximco. "It's remarkable to see that within this short span of two months, Bangladesh was able to foray into this very regulated market with such a sensitive healthcare product," felt Commerce Minister Tipu Munshi, who has subsequently assured all possible assistance from the Government by way of enabling policies and regulations to support healthy growth of MPPE sub-sector while also offering duty exemption on taxes for raw material imports. Meanwhile, Deloitte has identified 12 MPPE products that bear high potential for development, which

are namely isolation gowns, cover-all suits, masks (including surgical kn95 and n95), shoe cover and head cover, gloves, protective spectacle, face shields, hand sanitisers, bed linen, towel, melt-blown fabric and nursing pad even as CEO of BUILD — Business Initiate Leading Development or BUILD is the first-ever national public-private dialogue platform to promote private-sector development through policy reforms — Ferdaus Ara Begum noted Bangladesh is already making progress in the MPPE sector, especially in 12 products, including eight WHO-listed ones while adding the country's garment sector was the first to focus on the MPPE segment. As per a recent study, Bangladesh not only holds the capacity of producing 12 MPP products (as men-

tioned by Deloitte) for domestic and global markets, but more than 50 firms in the country have already obtained clearance from the Directorate General of Drug Administration (DGDA), for making surgical masks, sanitisers and coveralls/ PPE gowns as well. This only goes to show Bangladesh's competence is not only restricted to basic items but critical products as well, including lingerie and intimate apparels.

#### Lingerie in mix of things

A promising product category as it is, manufacturing destinations are vying to make the most of the opportunities that are on offer in lingerie — in 2019, Statista valued the global lingerie retail market at US \$ 32.07 billion, while Kenneth Research expects the global lingerie market to reach an astounding US

\$ 62 billion by 2024 — and Bangladesh is, slowly but surely, lapping up the opportunities on offer, as it moves up the ladder rather strongly, so it seems. According to industry insiders, Bangladesh's annual lingerie export stands somewhere around US \$ 700 million, which not so long ago was merely half of it.

Take, for example, Kaixi Fashion Bangladesh Co. Ltd., the Chinese textile company which has recently announced an investment of US \$ 6 million for a new unit at Dhaka Export Processing Zone to produce around 24 million pieces of ladies'

intimatewear annually. Established in 1995, Kaixi Fashion owns three subsidiaries (Shenzhen Kaixi Fashion Co., Ltd., Shantou Kaixi Lingerie Industrial Co. Ltd. and Myanmar Kaixi Lingerie Industrial Co., Ltd.) and produces, distributes and sells products ranging from traditional knitting lingerie bra, panties, to 'invisible' bra pads and straps majorly to UK, France, Spain, Germany, Australia and Chile. Meanwhile, home-grown player CTL or Chorkha Textile Limited has invested around US \$ 70 million to enhance capacities since its inception in 2013 even if in fis-

cal 2020-21, CTL exported lingerie worth US \$ 90 million while Ananta Apparels, another big name in lingerie in Bangladesh, has pumped in a massive Taka 250 crore to come up with a sophisticated lingerie unit in the port city of Chittagong last year. Given the eagerness amongst the apparel makers to diversify their product basket by taking up new and exciting items, industry insiders feel Bangladesh is now all set for the next step towards attaining the much-needed manufacturing maturity.

## NEXT URGED TO ADDRESS SUPPLY CHAIN ISSUES

20 May 2022

LONDON — Workers' rights organisation Labour Behind the Label (LBL) and environmental non-profit Share Action have expressed concerns regarding the manner in which fashion brand Next has managed worker-related incidents within its supply chain. The pair allude to two instances — the closed sites of Neo Trend, in Turkey, and Wai Full Textiles, in Cambodia — where staff are said to have gone without legally owed wages and severance pay-



ments. Ana Bryher, LBL's director of advocacy, commented: "Brands like Next must urgently make sure living wages start to be paid into the pockets of workers who are making their clothes, to avoid future exploitation if orders once again grind to a halt."

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# ZARA COLLABORATES WITH GOOD AMERICAN ON US CAPSULE AND POP-UP



11 May 2022

Spanish fashion chain Zara has revealed a new collaboration with Good American, a clothing brand co-founded by reality star Khloé Kardashian, in the form of a size inclusive capsule for the US market. The collaboration combines the Inditex-owned brand's garment manufacturing chain with Good American's status as a B Corp company, resulting in a sustainable collection that is both size inclusive and ethically produced.

The collection itself is entirely made up of denim fabric and includes t-shirt styles, a fitted jump-

suit, denim shirt and a selection of varying jean cuts. According to the companies, each design has utilised sustainable raw materials and processes, such as recycled or organic cotton and Tencel fibres.

Sizes range from XS to 5XL, going beyond Zara's typical sizing chart, to ensure full inclusivity, something the American chain prides itself on. To complement the launch, a campaign consisting of in-demand, diverse models puts a further emphasis on the collection's inclusive message, featuring the likes of Precious Lee, Quannah Chasinghorse and Georgia Palmer, each seen sporting looks from the line.

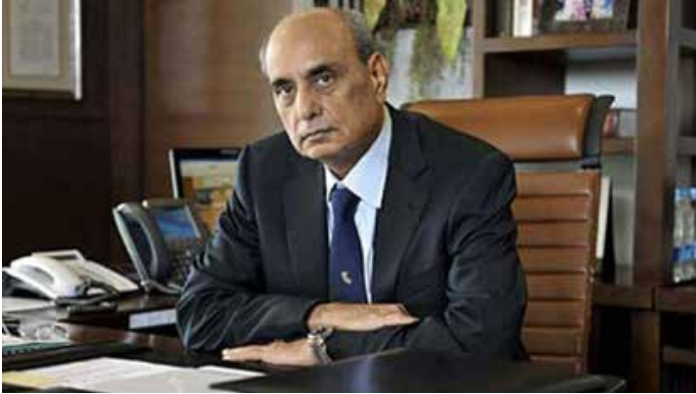
The limited-edition collection will be available through both the on-line platform and Zara's mobile app, as well as a select number of around 40 points of sale throughout the country.

Additionally, Zara has opened a pop-up in Los Angeles to celebrate the release, which will remain open until May 13 and allows shoppers to view and try the line first-hand. The collaboration comes as part of Inditex's strategy to consolidate the group's presence in the US, in which it currently operates 99 physical stores each under the Zara brand.



# NISHAT GROUP

## NISHAT MILLS LIMITED



**Mian Muhammad Mansha, Chairman Nishat Group**

Nishat Mills Limited is the flagship company of Nishat Group. It was established in 1951. It is one of the most modern and largest vertically integrated textile companies in Pakistan. The Company is engaged in the business of textile manufacturing and of spinning, combing, weaving, bleaching, dyeing, printing, stitching, apparel, buying, selling and otherwise dealing in yarn, linen, cloth and other goods and fabrics made from raw cotton, synthetic fibre and cloth and to generate, accumulate, distribute, supply and sell electricity.



# SAPPHIRE TEXTILE MILLS



**Mr. Nabeel Abdullah, Director**

Home textiles department is solar powered unit with approximately 40% energy (500KW) is generated through solar panels. The plant is fully equipped with latest machinery and state of the art technology. Sapphire has a diverse customer base from institutional articles, basic bedding, downstairs textiles to fashionable bedding; to handle all of them together – we have customer wise dedicated floors in order to cater the requirements accordingly.





## AFROZE TEXTILE MILLS



**Mr. Feroze Alam Lari, Managing Director**



Established in 1973, Afroze Textile Industries (Pvt) Ltd has four decades of manufacturing and marketing experience. The company was founded by Late Mr. Mehboob Alam Lari. Since our inception, Afroze Textile has been focused on quality, customer satisfaction, innovation and specialization through technological advancement. Afroze Textile is managed by qualified and motivated professionals under the dynamic leaderships of company directors Mr. Feroze Alam Lari and Mr. Afroze Alam Lari. With an annual export capacity of USD 200 Million Afroze Textile has earned a top position among the country's leading towels and bed linen exporters recognized and appreciated by our international clients.

## AL KARAM TEXTILE MILLS



**Mr. Fawad Anwar, Managing Director**



Our journey started in 1986 when Alkaram Textile Mills was setup to provide innovative textile solutions across the globe. Soon, Alkaram Textile Mills emerged as one of the leading textile manufacturing and exporting companies of Pakistan, with a global footprint in the US, UK, France and Portugal. For more than 35 years, Alkaram's reputation and distinctive image have been consistently developed across an expanding number of products, brands, and international markets. Currently, Alkaram Textile Mills is the largest vertically integrated textile setup in Pakistan.

# YUNUS TEXTILE MILLS LTD

**Mr. Muhammad Ali Tabbā, CEO**



Yunus Textile Mills Limited is a global leader when it comes to design, marketing and distribution of premium textile products. For more than 20 years, YTML's reputation and distinctive image has been developed via an expanding number of products, brands and network in the international market.

# ARSHAD CORPORATION

**Mr. Shahzad A. Sheikh, Managing Director**



Arshad Group is the legendary tale of the growth and the development of one of the pioneer textile groups of Pakistan, dominating the national and international textile markets for more than six decades. Soon after Pakistan's inception, Haji Muhammad Ishaq along with his four sons made his way into the textile industry by establishing a number of ginning mills. Thus, Arshad Group emerged on the industrial globe in 1954 with the set up of its first yarn trading company. After prospering in the domestic market, the Group ventured to make its way into the international market. The exports started in 1968 and owing to the enhanced universal requirements, the first textile mill was established in 1973. Taking its first flight as a small ginning operation, it has now emerged as the empire of Arshad Group of Companies. With its fourth generation on the way, it is recognized and appreciated worldwide for their flawless credibility, matchless professional excellence, an impregnable standard of ethical business dealings and the most valuable premium quality products.



# NISHAT CHUNIAN LIMITED



**Mr. Shahzad Saleem**



**NISHAT  
CHUNIAN  
GROUP**

Nishat Chunian Group (NCG) excels in the textile and power sectors of Pakistan. Founded in 1990, NCG has made a name for itself in the Pakistani economy over the last 30 years. With annual sales of Rs. 49.284 billion in FY 2021, Nishat Chunian Limited is ranked fifth amongst the textile companies in Pakistan. NCG comprises of the following companies:

- Nishat Chunian Limited (NCL) - a textile company
- Nishat Chunian Power Limited (NCPL) - a power generation company
- Nishat Chunian USA Inc. (NC USA) - incorporated in USA for textile supplies to the international retail market

# GUL AHMED TEXTILE MILLS



The story of textiles in the subcontinent is the story of Gul Ahmed. The group began trading in textiles in the early 1900s. The group entered in the field of manufacturing with the establishment of today's iconic name of Gul Ahmed Textile Mills Ltd in the year 1953. Since its listing on the Karachi Stock Exchange in 1970, the company has been making rapid progress and enjoying a leading position in the world of textiles.

With an installed capacity of more than 51,840 spindles, 300 state-of-the-art weaving machines and most modern yarn dyeing, processing & stitching units, Gul Ahmed is a composite unit – making everything from cotton yarn to finished products. Gul Ahmed has its own captive power plant comprising of gas engines, gas & steam turbines, and backup diesel engines. Believing in playing its role in protecting the environment, Gul Ahmed has also set up a waste water treatment plant to treat 100% of its effluent, bringing it to NEQS levels.



# KOHINOOR TEXTILE MILLS

**K M L G**  
Kohinoor Maple Leaf Group



Kohinoor Textile Mills Limited is an enterprise based in Pakistan. Its main office is in Lahore. It operates in the Fabric Mills sector. It was incorporated on 1953. Kohinoor Textile Mills Limited currently employs 6,968 (2021) people. There was a net sales revenue increase of 32.9% reported in Kohinoor Textile Mills Limited's latest financial highlights for Q2C2022. There was a total growth of 16.02% in Kohinoor Textile Mills Limited's total assets over the same period. The net profit margin of Kohinoor Textile Mills Limited decreased by 8.01% in 2022. KOHINOOR TEXTILE MILLS LIMITED has 5,475 total employees across all of its locations and generates \$195.07 million in sales (USD). There are 2 companies in the KOHINOOR TEXTILE MILLS LIMITED corporate family.

# UNION FABRICS



**Mr. Asif Siddiq, CEO**



Union Fabrics' journey began over two decades ago as a small weaving unit. Today, it is a leading name in the export of quality home-textile fabrics and made-ups from Pakistan. We are producing wide range of fabrics for bedding, institutional, pocketing/lining, mattress ticking and the furnishing industry, in greige (loom-state), bleached, and finished form. We convert almost half of these manufactured fabrics through our stitching units into sheets, pillows, shams, bed-skirts, duvets, quilts, comforters, drapes, and kitchen linen for our retail and institutional buyers around the globe.



## FAZAL CLOTH GROUP



**Mr. Rehman Naseem**  
CEO, Fazal Cloth Group



Fazal Cloth Mills Limited ("the Company") was incorporated in Pakistan in May 14, 1966 as a public limited company under the Companies Act, 1913 (now the Companies Act, 2017) and its shares are quoted on Pakistan Stock Exchange. The Company is engaged in manufacturing and sale of yarn and fabric. The manufacturing facilities are located at Fazal Nagar, Jhang Road, Muzaffargarh and Qadirpur Rawan Bypass, Khanewal Road, Multan in the province of Punjab.

The company set up its first spinning unit in 1972 at Muzaffargarh. Since its listing, the company has maintained a regular dividend payout, paying cash dividends or bonus shares in 37 years out of the 58 years.

At present, the company owns and operates 8 Spinning units comprising 252,564 Spindles and 3,660 Open End Rotors and 888 MVS Spindles installed and Air-jet Picanol 224 Looms.

## KAM INTERNATIONAL



Kam International is a part of Mekotex Group of Companies and was established in Karachi, Pakistan in the year of 1979.

Our strong and consistent history of perfection make us a proud company today. We are one of the largest home textile exporters from Pakistan, and leading supplier to top importers & retailers, by providing the complete home solutions to the end consumers.

We are continuously evolving our progress, process of expansion, and improving ourselves with the help of latest technologies & innovative ideas in order to accommodate our customers in the best possible way. Kam International has a highly qualified management team and professional technical staff with a standardized working system.



Colony Textile Mills Limited is a pioneer in the production of quality yarns and fabrics in Pakistan. The parent company was established in 1946 and is continuing its legacy as one of the largest textile manufacturers in Pakistan to this day.

Colony Textile Mills Limited (PSX: CTM) is a Public Company Limited by shares incorporated in Pakistan on 12 January 2011 under the provisions of the repealed Com-

panies Ordinance, 1984 (now The Companies Act 2017). The principal activity of the company is manufacturing and sale of yarn, fabric, garments made ups and trading in real estate.



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Interflow



# FEROZE 1888



FEROZE1888 MILLS LIMITED is located in Karachi, Sindh, Pakistan and is part of the Fiber, Yarn, and Thread Mills Industry. FEROZE1888 MILLS LIMITED has 951 total employees across all of its locations and generates \$277.25 million in sales (USD). Feroze1888 Mills Limited Company is engaged in the production and exports of towels.

Mr. Rehan Rahman is the Chief Executive Officer of



Feroze1888 Mills Limited. He was appointed in April 2016 as CEO and upon completion of the first term was re-appointed for the second term effective April 2019. He brings with him an extensive and cross functional hands-on experience of over 15 years in Feroze1888. Mr. Jonathan Simon is the Chairman of the Board of Directors of Feroze 1888 Mills Limited and has been so since last 4 years.

## AYmax sprl



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# LUXOME ENTERS LOUNGEWEAR CATEGORY WITH NEW ULTRA PLUSH ROBE

Luxome, the fast-growing direct-to-consumer luxury comfort brand, has developed its new Ultra Plush Robe – perfect for the mornings or nights when you are looking for soothing self-care.



28 May 2022

As experts in home comfort, who are obsessed with giving consumers the most luxurious and relaxing experience, Luxome is taking the best qualities and materials from its top-selling blankets, sheets, pillow and towels to create the new Ultra Plush Robe. After observing the current loungewear market, Luxome wanted to offer a new type of robe that would be created from the most decadent fabrics and with the highest level of craftsmanship – resulting in supreme coziness

and functionality. Ideal for every body, the unisex Ultra Plush Robe features a soft textured knit fabric with a bamboo viscose blend and is generously oversized for ultimate lounging comfort. The Ultra Plush Robe has a full-length design for full coverage and no hassle wear. The Ultra Plush Robe also features dual belt loops for the perfect fit and an inner modesty tie and loop for secure coverage on top – ensuring the robe will stay in place whether making morning coffee or relaxing on the couch.

## Self-care meets sustainability with Silk & Snow's new bath collection

Silk & Snow is excited to announce their product expansion into a new home category with the launch of their Bath Collection. The new collection features consciously manufactured Terry Towels, Turkish Towels, Terry Bathrobes and Muslin Bathrobes.

"When looking at other products within the bath space, we noticed a lack of attention on where materials are sourced and how they are made," says Albert Chow, Co-found



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28 May 2022

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Towels, Terry Bathrobes and Muslin Bathrobes. "When looking at other products within the bath space, we noticed a lack of attention on where materials are sourced and how they are made," says Albert Chow, Co-founder, Silk & Snow. "We are thrilled to announce our new line of bath products that are all made with our guiding principles of using sustainable raw materials, promoting transparency and traceability, and ensuring minimal environmental impact."

The high-quality collection includes beautifully designed bath towels and robes that refresh your bathroom and inspire beauty and comfort in your home:

## **TECHTEXTIL, TEXPROCESS AND HEIMTEXTIL SUMMER SPECIAL: BUNDLED RE-START FOR GLOBAL TEXTILES FAIRS IN FRANKFURT**

**Techtextil, Texprocess and the Heimtextil Summer Special open their doors in Frankfurt am Main from 21 to 24 June. After the Corona-related break, exhibitors and visitors are looking forward to personal interaction. Numerous innovations and further developments await the global trade public. The trade fairs taking place in parallel cover textile value chains from textile fibers and processing to the end product.**

22 May 2022

With Techtextil, Texprocess and the Heimtextil Summer Special, Messe Frankfurt brings textile value chains together at its exhibition center. After two years of the pandemic, we are finally able again to look forward to new international face-to-face contacts, inspiring business encounters and a holistic, bundled and efficient market overview. In parallel, the D2C Neonyt Lab (24 – 26.6.2022) of Messe Frankfurt and numerous public events of Frank-

furt Fashion Week, organized by the City of Frankfurt, are planned to take place in the city itself. This offers unique synergies all at one location. Exhibitors benefit from cross-selling opportunities and can establish business relationships in entirely new constellations. In one place, visitors will find global trends, products and innovations along textile value chains. The range spans from yarns and fibers to functional textiles, textile technologies and finishing processes to end products

for textile furnishings, performance textiles, functional clothing and fashion. In the context of the increasing awareness of a sustainable circular economy, modern recycling processes will also be presented. With regard to the current Corona measures, the events can take place without capacity and admission restrictions and thus without proof of vaccination. Hygiene measures such as online ticketing, fresh air supply, generous hall planning and intensive cleaning processes



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will continue to be implemented. Texpertise Network: the global industry under one roof As a framework for Messe Frankfurt's overall global range of textile trade fairs, Texpertise Network offers valuable information on textile trade fair brands with 58 events worldwide and, as a platform for networking and exchange, constantly focuses on the latest resource and climate friendly developments in the industry. "The last two years have shown: As the world market leader for textile trade fairs, we have a great responsibility for the industry. In this role, we have successfully accompanied the textile industry through the crisis. Through our worldwide events, we have not only been able to maintain orientation and global business relationships in the market in uncertain times – but also our top position," explained Detlef Braun, Member of

the Executive Board, Messe Frankfurt, at the joint press conference. Recent global trade show highlights ahead of the strong re-launch in Frankfurt include Texworld Evolution Paris in February 2022, Interior Lifestyle in Tokyo in June 2022, and six other "Techtextil" and "Texprocess" brand events in North America and Asia. Since 2019, the Texpertise Network has been the link for Messe Frankfurt's cooperation with the Conscious Fashion and Lifestyle Network and the United Nations Office for Partnerships. The common goal: to make the UN Sustainable Development Goals (SDGs) visible at all Texpertise Network textile events worldwide. Dirk Vantyghem, Director General at the European Apparel and Textile Confederation EURATEX, also gave an outlook on the further development of the textile industry in the joint press conference: "With the EU Textiles

strategy now published, we have a clear roadmap ahead of us, how the European textiles industry will need to transform. The gathering in June will be an excellent occasion to present this roadmap, and get the necessary input from textile companies on the ground." Heimtextil Summer Special: global commitment and personal business Heimtextil will be held in June as a one-time Summer Special with 800 announced exhibitors and a high level of international participation from 47 countries. Both the international high-volume business and the retail trade are focus topics of the summer edition. Retailer-oriented suppliers can be found specifically in advance via the exhibitor search. Exhibitors with innovative textile solutions in the field of contract textiles will also be showing their new products in the summer. Beginning on June 21, the "Interi-



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or.Architecture.Hospitality TOURS" will be held – curated by AIT magazine, the bdia association of interior designers and the World-Architects network. This summer's Heimtextil Trends "Next Horizons" has a clear focus on sustainability and resource conservation – located at the center of the exhibition grounds in Hall 4.0. The layout of the area is based on the Material Manifesto: local resources, environmentally friendly or loaned materials will be used for the stand design. Visitors can expect inspiring stagings of colors, materials, curated exhibitor exhibits, lectures and DIY activities. In the latest episode of the Heimtextil podcast, curator

Anja Bisgard Gaede also looks at the trends from a very special angle and gives retailers practical preparation basics for their visit to the trend area. The "Heimtextil Conference Sleep & More" in Hall 3.0 offers representatives of the bedding trade, environmentally conscious retailers and decision-makers from the hotel industry a first-class lineup of speakers with, among other things, the latest findings in sleep research, tracking technology and sustainability in the hotel industry. Another highlight are the one-hour Green Tours with an independent consultant to selected exhibitors with an exchange on the latest developments in the green segment.

In the Green Village in Hall 3.0, experts for sustainable textile certification will be exhibiting, including the Blue Angel or the Green Button. Exhibitors with sustainable products can be found online via search. On site, their stands are marked with a leaf. The common goal of the cooperation with international partners is an increasing visibility of the SDGs at Heimtextil. Techtextil and Texprocess await with innovations. From June 21 to 24, 2022, exhibitors will present their innovations in the field of technical textiles and nonwovens as well as the processing of textile and flexible materials at the leading international trade fairs Tech-

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textil and Texprocess. More than 1,100 exhibitors from 45 countries, numerous joint stand participants and 13 international pavilions are looking forward to presenting their products to an international trade audience. Techtextil and Texprocess highlight innovations, new processes and developments and progressive approaches with a view to sustainability. These include new production processes, materials and machinery. High investments in research and development over the past three years promise high innovative strength. At Texprocess, international manufacturers will showcase the latest machinery,

equipment, processes and technologies for garment manufacturing and textile and flexible materials – ranging from design, cutting, sewing, knitting and embroidery to finishing, IT and logistics. “Exhibitors and the public set high expectations for Texprocess, the leading trade fair. After a break of three years, exhibitors present their developments to an international audience and anticipate investments. Visitors are looking forward to innovative solutions for more sustainable, more flexible and also more regional production. Texprocess drives the industry forward and finally enables personal exchanges and

the forging and strengthening of business relationships once again,” says Elgar Straub, Managing Director of the VDMA Textile Care, Fabric and Leather Technologies Association. With twelve application areas, Techtextil promises a wide variety and breadth of product offerings as well as innovative strength on the part of suppliers – from car makers, fashion designers, medical technology specialists to industrial specialists. Exhibitors at Techtextil offer innovative materials for all requirements. For the first time, a Digital Extension of the two trade fairs will be offered. This enables visitors who cannot attend in person

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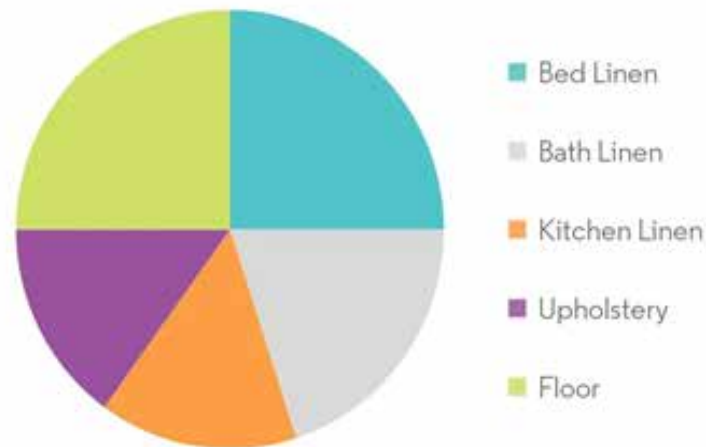
to experience Techtextil and Texprocess digitally and to exchange ideas in a virtual space. Exhibitors benefit from an additional digital presence alongside their stand on the exhibition grounds. For around four weeks, from June 13 to July 8, 2022, the Digital Extension will be available before, during and after

the trade fair days. Sustainability@Techtextil and Sustainability@Texprocess will once again focus on the topic of sustainability this year. Innovative and sustainable materials and their ecological processing with minimal waste and water consumption as well as digital solutions will be presented and awarded at the

trade shows. Many highlights await visitors on-site and digitally. These include the Techtextil and Texprocess Forum, the Techtextil and Texprocess Innovation Award or the areas for international start-ups. Techtextil, Texprocess and the Heimtextil Summer Special will take place from 21 to 24 June 2022.

## TOP TEN TOWEL PRODUCERS & EXPORTERS IN PAKISTAN

Pakistan Home Textile Market by Type



### Pakistan – The Home of Home Textiles

Waseem J. Khan

Pakistan's home textile industry is export-oriented and the growth in the industry is achieved due to its downstream industries. It is one of the key suppliers to Europe, the United States, and China. The home textile industry in the market is likely to see growth in the residential

and hospitality industry in the Pakistan. The raw materials requirement is facing a downward trend due to the growth in consumption in the domestic market. Pakistan's political instability may affect the home textiles market. However, the government has taken one of the measures Balancing, Modernization, and Replacement (BMR) and that provide loans to the business under subsidized rates. Pakistan's

home textile industry also faces competition from China and India and the rising price of raw materials such as yarns and increasing interest rates, inflation rates might challenge the industry.

During the last 2 Pandemic years, Textile Orders shifting to Pakistan, resulted in huge record-breaking investments in Pakistan.



# THE ELEMENTAL COLLECTION FROM CONCERTEX INSPIRED BY THE FIVE ENDURING ELEMENTS OF NATURE

The Elemental Collections features 9 high performance upholsteries that are inspired by the five enduring elements of nature. It is an ethereal collection that provides an everyday antidote to a beautifully unpredictable world.

21 May 2022

Everything you can see, touch, and feel has been miraculously birthed by the elements. The water, wind, earth, fire, and sky above you are all inextricably linked to form the world as we know it. The elements have not only influenced the latest collection of Concertex but developed it itself. Each Elemental Collection fabric is as serene and calm as the nature surrounding you. The Elemental Collections features 9 high performance upholsteries that are inspired by the five enduring elements of nature. It is an ethereal collection that provides an everyday antidote to a beautifully unpredictable world. Found between the ebb and flow of everyday life, our Serene fabric exists as a moment of calm. You'll find serenity in the simplicity of something you can count on, of an element that you can touch and know will be there for you. Soft yet strong, Serene is adorned in soothing curves and colors that emulate rolling waves. It was designed to provide a sense of comfort that gives you



**Biancalani**  
TEXTILE MACHINERY

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the inner peace to step outside of your comfort zone. With its inherent graffiti-free silicone surface and 200,000+ double rubs, this product is perfect for healthcare and senior living facilities. Bloom – Windflower, Magnolia, Eucalyptus, Lavender To Bloom is a beautiful process of becoming. It is a constant and miraculous reminder of our wonderful potential. Where flowers and life Bloom, so does hope. This soft and light fabric was designed to find

beauty in the everyday. Covered in hand-drawn flowers, it is a comforting touchpoint that is as hopeful as it is whimsical. This fabric will surface the idea of bloom in a wide variety of settings from soothing healthcare to hospitality environments. when you look up into the night's sky, life seems to come full circle. When you look down at our Orb polyurethane fabric, you'll see much of the same sentiment. The circular patterns that adorn this fabric seek to emu-

late the vast nature of our expansive and starry sky. With light metallic etchings in the material, a glowing shimmer brings to light the sparkle of stars. No matter where you place this fabric, a sense of time and space will fill the room. Available in multiple metallic etched colorways, this celestial pattern has a graffiti-free finish and passes over 200,000 double rubs.



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# COASTAL STYLE MEETS PANTONE 2021 COLORS

17 May 2022

Looking for a coastal style for your home interior but also want to keep it on trend with the Pantone 2021 colors? Look no further as Aqua by Design have a Nautical Grey Collection that embraces both grey and yellow into their range of fabric design and interior accessories.

If you are looking for a full style transformation, you can buy fabric by the metre, or opt into their soft furnishings service of roman blinds, curtains and box seating cushions. This fabric is also available as outdoor fabric, so you can extend into your garden with waterproof outdoor cushions, deckchair slings and

even a bit of bunting can cheer up a tired corner of the garden.

For just a splash of coastal vibe in your home, you can add some home accessories such as oven gloves, tea towels, cushions or zipped pouches. These also make lovely summer gifts for friends and family.



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# ORGANICS IN NEW TEXTILE SERIES STRENGTHENS GULDSMEDEN BRAND

**The Global Organic Textile Standard (GOTS) plays an important role in Beirholm's textiles for hotels offering sustainable choices**

Guldsmeden Hotels, which was established in 1999, is a hotel chain with a strong brand, and today has hotels in Denmark, Norway, Iceland and Germany.

Sustainability is at the heart of the Guldsmeden brand, and all its hotels are Green Globe-certified. An industry-leading 360-degree-management system ensures that all daily operations support the goal of sustainability:

From the food served in its restaurants to the choice of materials used in each room, where guests are welcomed by freshly made beds, gleaming bathrooms and organic textiles.

## **Innovative textile solutions**

These choices are the result of a targeted procurement policy, which consistently favours suppliers with organic and/or Fairtrade products. Beirholms Væverier A/S meets these requirements and, in close collaboration with Guldsmeden and Berendsen laundries, has developed a new range of GOTS-certified organic cotton textiles for the hotel chain:

"Initially we received towels in a new design," says Sandra Plesner Weinert, who runs and co-owns Guldsmeden Hotels.

"The choice fell on a known textile quality to which we added a dash of creativity. The conventional cotton was replaced with organic, giving us the sustainable products which the market demands. Subsequently, we've chosen sheets and other bedlinen made from organic cotton, and here the bedlinen is of a quality and design with a herringbone weave that we want at Guldsmeden.

"Sustainability is also a question of durability, and the BeirTex yarns play an important role. Here, the organic cotton is spun around a core of polyester that makes our new textile series extra hard-wearing."

## **Strong product strategy facilitates the design work**

To complete the sustainable textile range at Guldsmeden Hotels, a terrycloth bath mat made from organic and Fairtrade cotton has also been developed; this will be supplied to the hotels at the beginning of 2019:

"Fairtrade is a relatively new certification, and we can also supply products that comply with the Fairtrade standards," explains Susanne Andersen from Beirholm.



**Beirholm**  
Context Engineered Textiles

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# HELA APPAREL HOLDINGS RECEIVES ISO CERTIFICATE BY SFG



18 May 2022

The Sustainable Future Group (SFG) has certified Hela Apparel Holdings for the measurement and reporting of greenhouse gas emissions across the group. Hela Apparel Holdings has received ISO 14064-1:2018 accreditation, which it describes as a significant step forward in its sustainability journey. Hela was awarded the ISO 14064-1:2018 certification in recognition of the group's efforts to establish a framework to quantify and report on its greenhouse gas (GHG) emissions in accordance with ISO's requirements, as well as to implement a carbon

management plan to work towards reducing emissions where possible. A full group-wide GHG inventory evaluation was performed, including all applicable direct and indirect categories 1, 2, 3, and 4 GHG emissions. Shameen Peiris, CEO of Hela Intimates, said that despite the global and local problems they face today, this ISO accreditation is a tribute to their continual desire to strengthen their sustainability initiatives. Hela is dedicated to being in the vanguard of the garment industry's drive toward carbon-neutral growth, with the goal of ensuring the industry's long-term

viability. The accreditation reaffirms its long-term commitment to reducing its environmental effect. Hela wants to be a responsible producer and has implemented a number of sustainability efforts to lessen its environmental effect. These efforts are evidenced by several plant sustainability and environmental compliance certifications. Hela, in the instance, has earned both the Global Recycled Standard (GRS) and the Global Organic Textile Standard (GOTS), and is pursuing B Corp accreditation. Because all other sustainability performance areas have an influence on

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## TEXTILE CHEMICAL & CERTIFICATIONS

GHG emissions, Hela will establish additional objectives for energy, water, and waste reduction to help it meet its GHG reduction targets. The next phase will be to establish and obtain third-party approval for a near-term GHG emissions reduction target and Net Zero goal under the SBTi, as well as interim KPIs supporting the SBTi reductions target and actual Net-Zero attainment. Faris Fausz, managing director of SFG, said that he would like to congratulate Hela on their ISO accreditation. Hela is exhibiting a strong commitment to lowering its climate change effect by monitoring and decreasing its carbon footprint in accordance with the most demanding international standards, including ISO 14064-1:2018.

Hela Apparel Holdings includes 12 production sites in Sri Lanka, Kenya, Ethiopia, and Egypt, as well as de-

sign centers in Sri Lanka, the United States, the United Kingdom, and France.

## DRY EYE DISEASE SOLUTION BASED ON POLYGIENE TECHNOLOGY WINS QUEEN'S AWARD FOR INNOVATION

UK company The Body Doctor Ltd, which is dedicated to optimizing eye health, has won the Queen's Award range for Enterprise in the Innovation category for its Sterileyes® patented antibacterial compresses, which are based on Polygiene technology. The Sterileyes solution is clinically proven to reduce bacteria on the compress by 99.9% and is an integral component of The Eye Doctor range of hot and cold compresses, used to treat dry eye disease and other eye conditions.

The Body Doctor, a family-run business founded in 2012 and based in

Huddersfield, West Yorkshire, says: "Partnering with Polygiene, utilizing their technology and relying on their excellent technical support has allowed us to create the first eyelid compress to effectively treat dry eye disease, meibomian gland dysfunction and blepharitis. "Vast clinical data show that bacteria, both gram-positive and gram-negative, can exacerbate dry eye disease, a condition reportedly affecting 20% of the world's population. Being able to provide our patients with a compress with a 99.9% reduction in bacteria provides a paradigm shift in managing our dry eye patients." Now in its 56th year, the Queen's Awards are the most prestigious accolades for UK businesses and a globally recognized royal seal of approval for outstanding achievement.

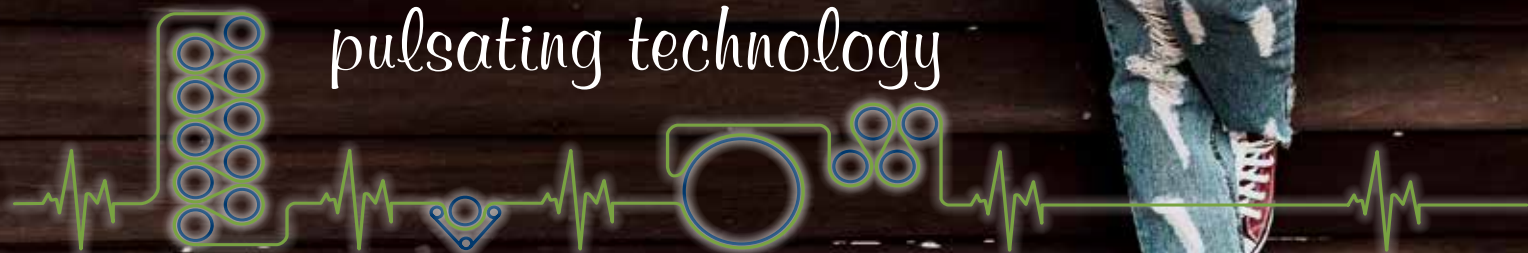
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# MY-FI PROJECT WILL PROVIDE NEW BIO-BASED TEXTILES, BASED ON MYCO-FIBRES

THE PROJECT IS STUDYING THE USE OF TEXTILE WASTE TO UPCYCLING IT IN A NEW TEXTILE PRODUCTS PROPOSING A CIRCULAR ECONOMY MODEL

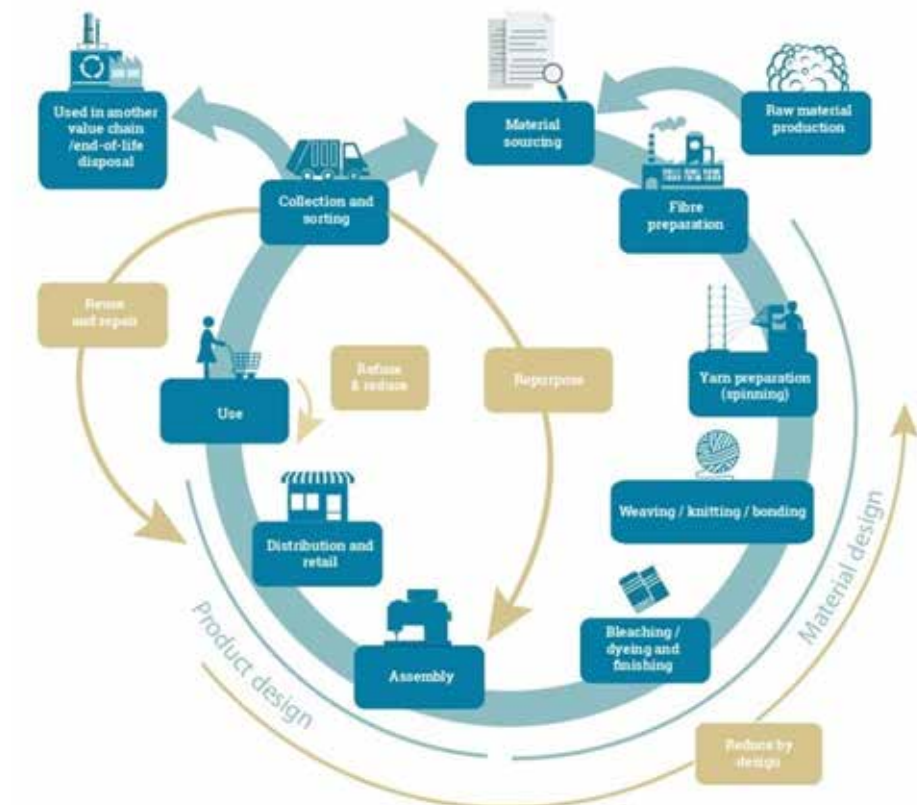
## New European Regulations

European Directive 2018/851[1] that modifies the Framework Directive 2008/98 /EC down measures to protect the environment and human health by preventing or reducing the generation of waste, the adverse impacts of the generation and management of waste and by reducing overall impacts of resource use and improving the efficiency of such use, which are crucial for the transition to a circular economy and for guaranteeing the Union's long-term competitiveness. With the entry into force of the new European regulations, textile industry is obliged to change its production model towards a sustainable and circular economy model.

## Latest trends

In the last forty years, fiber production has grown by 215% while the population only has grown by 75%. This indicates that trends have changed increasing the consumption of the population., specially by fast fashion. This phenomenon promotes the consumption of cheap items, constantly renewing collections, creating a continuous need for the consumer to be fashionable and urgent since the constant rotations make the garment available for a limited time. This linear consumption model is characterized by:

- The constant collections



renewal requires smaller productions, increasing the consumption of water, energy, transport, etc. for their production.

- The manufacture is carried out based on forecasts not on orders, appearing the overstocks, garments that remain unsold.
- To reduce prices, production is delocalized to countries with lower costs, increasing inequalities due to social and environmental legislation more permissive.
- This relocation of production increases the pollution pro-

duced by transport.

- Decrease in the lifecycle of the garments due to the reduction of quality to lower the costs.
- Obsolescence appears, clothing is discarded without having reached the end of its lifecycle.
- Increased consumption: low prices invite people to buy, although sometimes they are not even used. 60% of the models are basic and "need" accessories (scarves, vests, necklaces, etc.) to obtain a distinctive look.



MY-FI is going providing new bio-based textiles, based on myco-fibres, mycelium is the vegetative part of fungi. It's a promising material characterized by a soft structure and a velvety touch. The project is studying the use of textile waste to upcycling it in a new textile products proposing a circular economy model. Different lines are under studying:

- Using the textile waste as a nutrient: The mycelium needs a lignocellulosic material and other nutrients to grow. The vegetable fibers can be used due they are composed by cellulose, lignin, and hemicellulose. Cotton is the second most important fiber in terms of volume added to the other plant-based fibers, that include jute, linen, hemp, and others, had a market share of about 29.1 % of



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global fiber production that are around 32.2 million mt. Using the textile waste as a support material to en-

hance mechanical properties to the material to comply the stringent standards of textile industry.



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# ARCHROMA TO PRODUCE INDIGOLD AT SCALE



Agricultural value chain from seed breeding and production to biomass harvest and extraction established. Shrubs of Stony Creek Colors US-grown *Indigofera*.

22nd April 2022

SustainableArchroma is partner-

ing with Stony Creek Colors, of Springfield, Tennessee, to produce and bring to the market IndiGold high-performance plant-based pre-reduced indigo at scale. Stony Creek extracts its dye from proprietary *Indigofera* plant varieties

grown in partnership with family farms as a regenerative rotational crop and IndiGold was developed with Archroma to offer the first ever plant-based alternative to synthetic pre-reduced indigo. The dyestuff will be sold as a 20% concentration

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in a soluble liquid form that displays similar performance to comparable synthetic indigo products available on the market. Stony Creek has evolved into a leader in plant-based indigo due to its complete development of an improved agricultural value chain, from seed breeding and production to biomass harvest and extraction. The company has been selling its US grown indigo to denim mills since 2015. The pre-reduced plant-based indigo partnership took root in 2020 when Stony Creek was looking to work with like-minded partners to produce the new dyestuff at scale. Archroma emerged as the ideal partner, being well known for its expertise in indigo manufacturing and application. Archroma's indigo plant in Salvatierra, Mexico. Archroma has

continuously introduced eco-advanced indigo innovation such as the first ever aniline-free synthetic pre-reduced indigo and the Archroma x CleanKore technology for aniline-free potassium permanganate-free spray and laser booster for white abrasion.

#### Pilot scale

It subsequently supported Stony Creek with extensive pilot scale manufacturing trials and engaged with its network of denim machinery manufacturers to test the first samples in industrial conditions. The trials showed excellent colouration and the typical indigo wash down, as with synthetic indigo. Archroma will produce the first batches of IndiGold in Salvatierra, Mexico, and has other locations where the product could be made.

It will support Stony Creek through its manufacturing and logistics capabilities, and its expertise in denim dyeing with customers using pre-reduced indigo. While this development was underway, Fashion for Good selected Stony Creek as an innovator in its global Innovation Programme which connects brands with innovators to work together to test, validate and ultimately scale disruptive innovations in the fashion industry. Through the programme, Fashion for Good has collaborated Levi Strauss and will now pilot the use of IndiGold in denim mills at scale, with the goal of unlocking key learnings around shade application and other efficiencies of this new dyestuff.



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# SCHAEFFLER'S INNOVATIVE PRODUCTS FOR THE TEXTILE MACHINERY INDUSTRY



10 June 2022

Schaeffler's innovative products and system solutions sustainably increase machine output while simultaneously reducing the costs – whether in spinning mill preparation, thread production, fabric production, finishing, or assembly. Schaeffler offers you an extensive product range with precise, ready-to-install, and easy-to-maintain bearings for almost any type of machine all along the textile process chain. For example, this includes thread guide rollers with optimized frictional torques and an integrated wear and corrosion protection layer, easy-to-assemble radial insert ball bearings and housing units for machines in spinning mill preparation, cages with a Triondur coating in needle felt machines, and linear guidance systems in embroidery



machines, handling devices, textile printing machines, and many other textile machines.

## Applications

Are you currently "all wrapped up" with Schaeffler as well?

We find modern textiles, threads, and fabrics in retail stores, bou-

tiques, department stores, and mail order catalogs. However, we are all but unaware of the incredible technical feats performed every day in textile machines when spinning, weaving, finishing, and further processing cotton and synthetic fibers. Bearings and other components

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TEXTILE MACHINERY

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from Schaeffler render valuable services here on a day-to-day basis. We provide solutions for:

- Gripper drive in weaving machines
- Eccentric unit for embroidery heads
- Linear guidance systems in large embroidery machines

### Products

#### Development partner for everything that spins

Whether for spinning or weaving, finishing or further processing, cotton or synthetic fibers – modern textile machines are highly automated and operate around the clock. With high material throughput rates. There is no question that having the right bearing components is a decisive cost factor. For bearings in textile machines, “right” means low friction, high precision, no play, very easy mounting, low maintenance, and durability. So you are right on target with Schaeffler! We offer you an extensive range of precision

roller bearings and linear guidance systems for textile machines that provide secure bearing support for both rotary and linear movements. And we offer you genuine added value with numerous system components. This is because our complete systems are ready-to-install and specifically tailored to your area of application:

- Belt tensioning rollers



- Friction bearings
- Yoke type track rollers

### Service

#### Bearing calculation and tribology concepts

Whether rotary or linear, we also assist you in calculating bearings and develop tribology concepts for you – such as for optimum lifetime lubrication with special greases.

## REORIENTATION OF PORTFOLIO LEADS TO NEW NAME THE INDUSTRY 4.0 BUSINESS UNIT IS NOW SCHAEFFLER LIFETIME SOLUTIONS

Rauli Hantikainen is Head of Schaeffler Lifetime Solutions. He has been working for the Industrial division of Schaeffler since 2018 and is one of the key initiators for the reorientation and further extension of the portfolio.

2022-05-12 | Schweinfurt

- The new name reflects the user-centric reorientation of the portfolio
- Continuous digital condition monitoring and predictive maintenance prolong life cycles of systems

and machines

- With this change Schaeffler is responding to the new workplace reality of its customers, who increasingly seek smooth and sustainable production Industry 4.0 is now Schaeffler Lifetime Solutions:

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The renaming is a result of the re-orientation of the portfolio, which has been gradually expanded in recent years from individual product solutions to comprehensive services. The new name “Lifetime Solutions” and the subclaim “Keep your machines rolling” symbolise the aspiration to serve the needs and wishes of maintenance and works managers over the entire life cycle of a machine. “The challenges and opportunities are growing: increased productivity and sustainability need to be achieved with higher efficiency,” explained Dr. Stefan Spindler, CEO Industrial at Schaeffler AG. “This requires comprehensive concepts – and these are exactly what Schaeffler Lifetime Solutions is aimed towards. Our customers are our main focus, and we support them every step of the

way. The goal is clear: Our products and services should make their workflows as plannable as possible and give them the certainty that their machines will run reliably and without unexpected failures.”

“The new name demonstrates clearly the route we are taking,” added Rauli Hantikainen, Head of Schaeffler Lifetime Solutions. “It is a value proposition: For fewer unplanned downtimes, longer life cycles of bearings and machines, greater sustainability, increased reliability during operation and thus a less stressful and more plannable working day for the plant operator. As a partner, we are on equal footing with our customers and we guide them through every stage of their production, remaining by their side with custom solutions.”

Schaeffler Lifetime Solutions com-

bines expertise in components and digital solutions

The product and service portfolio is centered around predictive, preventive maintenance. This is based on Schaeffler’s many years of experience in the layout of bearings, as well as in their lubrication, monitoring and assembly.

The keyword “sustainability” is becoming increasingly important in production and is therefore one of the cornerstones for the development and expansion of Schaeffler Lifetime Solutions. The focus is on efficient and preventive maintenance. This makes valuable contributions to the better use of resources, as it prevents unplanned downtime in the plant and contributes to reducing CO<sub>2</sub> emissions.

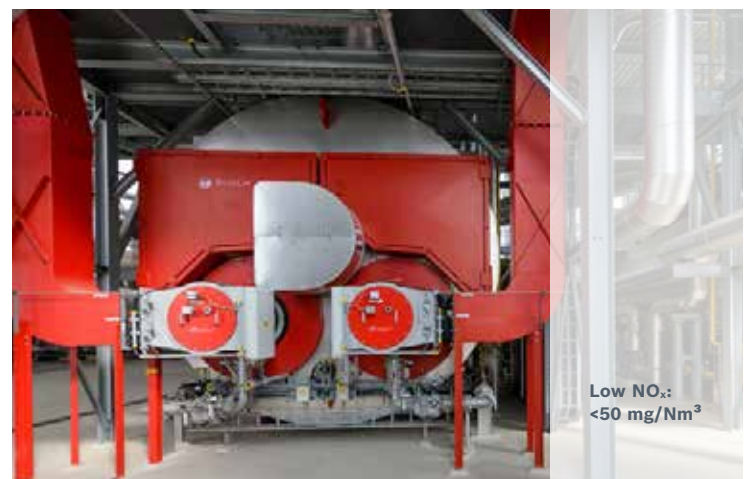
## 2 | When it really matters

Alongside especially high reliability, the heat generators from Bosch offer low-NO<sub>x</sub> natural gas operation. This helps the energy supplier to reduce emissions in a manner that has a real beneficial effect on the environment. The optimal coordination of the boiler furnace and burner with flue gas recirculation achieves outstandingly low NO<sub>x</sub> emissions, below 50 mg/Nm<sup>3</sup>. Additional equipment, such as O<sub>2</sub>/CO controls, ensure continuously high combustion efficiency.

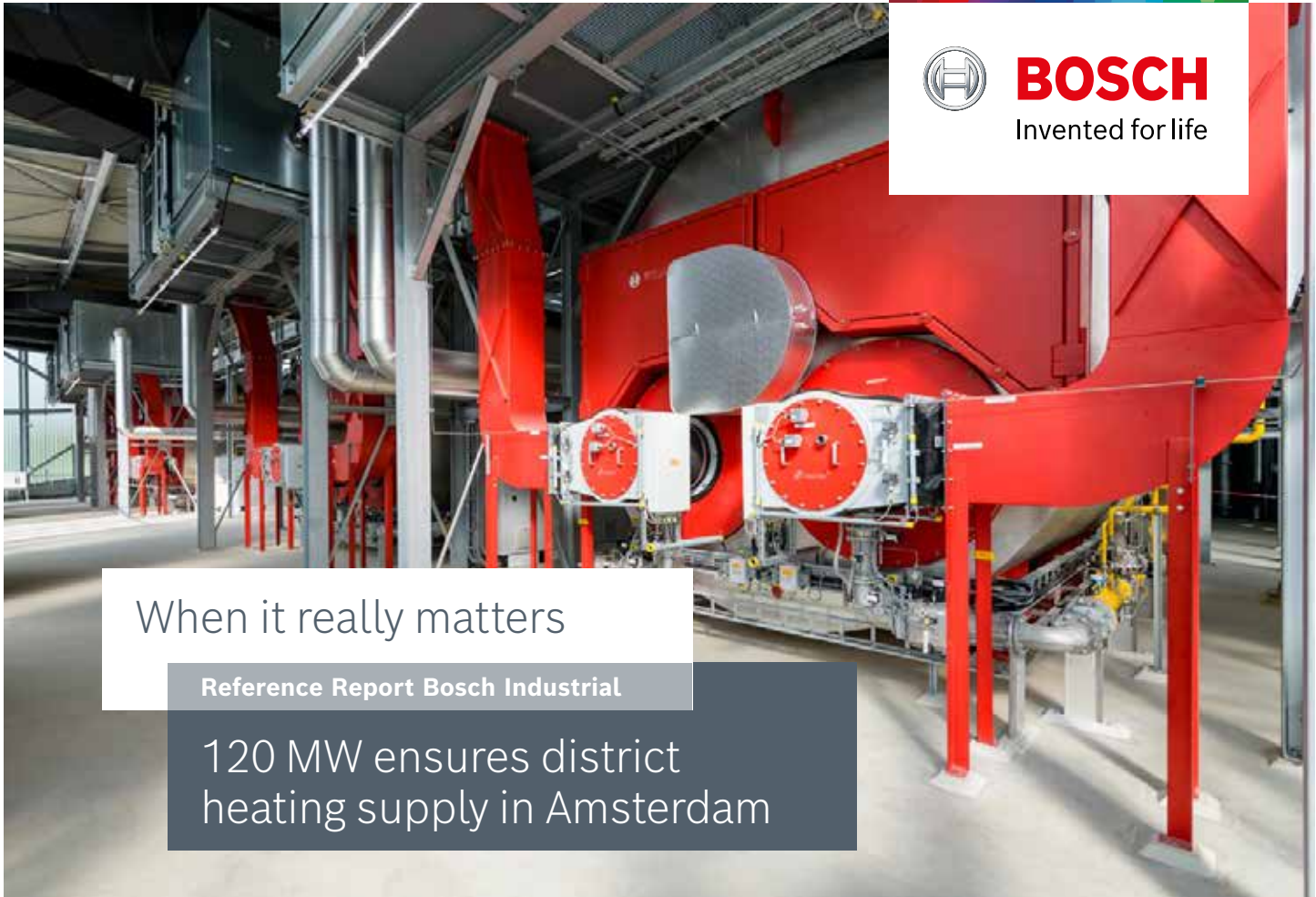
With the aim of achieving complete CO<sub>2</sub>-neutrality by 2040 in mind, Vattenfall concentrates on particularly sustainable heat production. Today, the energy provider is already using a range of heat sources, including some from waste recovery. Connecting the north-west and south-east networks means that this waste heat can now be used by the entire city. In the future, additional sustainable sources will be able to be integrated, such as a biomass power plant, the natural choice. The Bosch boilers can also be converted to use CO<sub>2</sub>-neutral fuels, such as biogas, bio-oil or hydrogen. This means that the boilers not only guarantee the heat supply, but also ensure that Vattenfall is ready for the future.



Intelligent control



Low NO<sub>x</sub>:  
<50 mg/Nm<sup>3</sup>



When it really matters

Reference Report Bosch Industrial

## 120 MW ensures district heating supply in Amsterdam

Four new low-NO<sub>x</sub> hot water boilers from Bosch have been connected to the district heating grid in Amsterdam in order to reliably handle consumption peaks and guarantee the supply as a round-the-clock backup solution.

The district heating grid in the vibrant city of Amsterdam is changing. As part of the initiative to provide a sustainable district heat supply, the energy provider Vattenfall has, among other things, had an enormous buffer cylinder constructed. With a capacity of 2.8 million litres, it enables additional waste heat from a local waste processing facility to be fed into the network. At the same location, EQUANS (a company of ENGIE), was commissioned by Vattenfall to construct an auxiliary heating station in order to guarantee a stable heat supply. This facility uses four Bosch hot water boilers, which can supply up to 120 MW of heat. They spring into action immediately in the event of an unexpected failure and when load demand peaks. When planned work is performed on the heating grid, they also serve as a reliable backup. Typically, the boilers are only operated for around 600 hours per year; however, they play a key role in keeping Amsterdam's district heat supply up and running.

Three of the hot water boilers are connected to the south-east part of the network, while the fourth is connected to the north-west part. If required, the boilers can also heat the hot water buffer. These boilers meet Vattenfall's high standards for reliability and operating efficiency. The UT-HZ boiler type used features a double-flame tube design which offers full flexibility. The complete separation of the two flue gas paths and firings doubles the modulation range and protects the burner during continuous operation and reduces the fuel-intensive start-up and shutdown events. The hot water boilers are capable of meeting dynamic performance requirements comfortably and operate efficiently, even under partial load. Since the configurable BCO control that is used is compatible with all common systems control protocols, EQUANS was able to integrate the boilers into the complex communication technology in the district heating grid.





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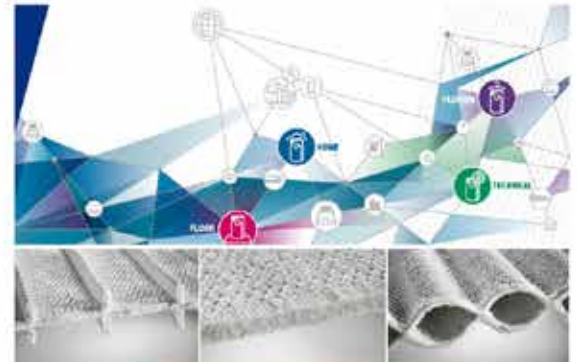
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