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Tele: +92-51-2855125, +92-300-9766099  
Fax: +92-51-2324466  
Email: info@textiletimes.com

## Editorial Board

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Europe Office  
Glockengasse 28  
47608 Geldern, Germany  
Cell: +49 176 970 66062  
info@textiletimes.com

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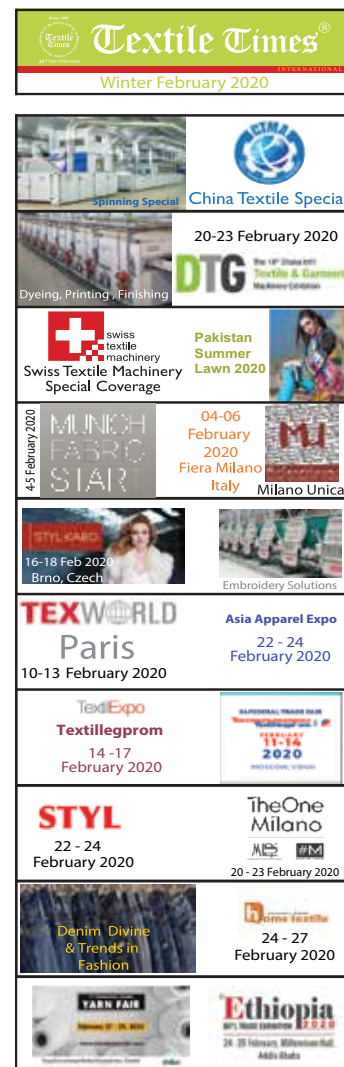
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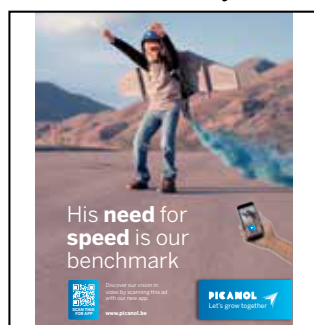
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## Title Story



The Picanol Group specializes in development, production and sales of weaving machines and technology for the textile industry. The company is based in Belgium, with production plants in Asia, Europe and the United States.

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## editorial

*Dear Readers,*

The 2020 winter trade fairs at The Fairyland for Fashion will have been a very unusual session. The exceptional circumstances prevented almost 50% of Chinese exhibitors from leaving their country to come to Paris. In some cases, the European agents of these Chinese companies were able to present the collections on the stands.

The shows were held this year under very particular circumstances. Health checks conducted by the Chinese authorities prevented a large number of exhibitors from coming to France. Despite it all, our main Chinese partners have signaled their readiness to renew their confidence in us by confirming that they will certainly be back in September. As always, the players in this dynamic market will demonstrate their resilience and professionalism. Even if buyers decide to put alternative sourcing routes in place on a temporary basis in order to guarantee supplies, they will want to resume their usual routes quickly.

The uncertainty regarding Chinese production that had prevailed since the beginning of the month has therefore helped to boost buyers' average buying behavior, since they were keen to secure their procurement with the exhibitors who were present. Countries such as Turkey, Korea – which was very impressive this year – Pakistan or Bangladesh appear to have benefited from this exceptional situation. A large number of buyers are already anticipating a clear strengthening of business in the coming months.

GTex International B2B textile garments, embroidery, digital printing, leather machinery, chemical & energy brand expo organised by Global Enterprise, at Karachi Expo Centre, Pakistan, from January 18-20, 2020, accomplished with a mega success. All major players of textile industry with their leading European and Chinese brands participated in the event.

GTex is the largest and the most successful technology expo with live combination of vast machinery display and extensive response to exhibitors and Pakistan textile industry during the 3 days of expo.

German and Italian investors and manufacturers have evinced keen interest in the Allama Iqbal Industrial City, a prioritized special economic zone of Faisalabad Industrial Estate Development and Management Company (FIEDMC) under the China-Pakistan Economic Corridor (CPEC).

Due to the recent Corona Virus cases spreading in the World all the Textile Trading and upcoming Exhibitions in 2020 are at risk. The March and April 2020 Exhibitions are already postponed and new dates have been announced.

Pakistan is hopeful of exports growth worth \$3.2 billion in case just 5 per cent of the free market access offered by China to 313 high-priority tariff lines of Pakistan is realised under the second phase of the China-Pakistan Free Trade Agreement (CPFTA-II) that went into force on

January 1, 2020.

The Month of February 2020 reported as full capacity production of Textiles in Pakistan and lots of orders for Home Textiles, Apparel and denim. Mills are fully booked till June/ July 2020.

Few Corona Virus cases are registered in Pakistan as well closing its borders of its neighboring countries.

Italian fashion designer Giorgio Armani radically altered his autumn/ winter2020 presentation at Milan Fashion Week due to concerns over the spread of COVID-19, informing guests that the show would take place "behind closed doors", rather than in front of a live audience as usual.

Models walked down the catwalk in an empty theatre, while the show was live-streamed on the brand's website and social media channels. Several Chinese designers have been absent from fashion-month presentations in London, Paris and now Milan as quarantines have left entire collections trapped in China and industry professionals unable to travel.

The National Chamber of Italian Fashion has estimated that some 1,000 editors, models, buyers and other fashion industry workers would be forced to miss fashion month entirely.

Cost of imported textile inputs have escalated up to 100 percent amid shortage driven by slowdown in clearance of consignments at the ports, raising concerns for the industry that mainly relies on Chinese imports to contribute 60 percent to the country's exports, businessmen said on Tuesday.

The businessmen said textile sector is facing shortage of raw materials as import consignments are stuck at Chinese ports and prices of locally available goods have shot up.

Pakistan's textile sector relies on imports to meet around 70 percent of its input needs. The country imported around \$11 billion from China in the last fiscal year and the imports mostly comprise dyes and chemicals, which are basic raw materials for textile sector.

Industrialists appealed to the government to allow early clearance of imports consignments containing dyes and chemicals from China.

**WASEEM J. KHAN**  
Editor in Chief



# Global Textile & Clothing News

Factory shutdowns, effect on global industry supply chains, closures of malls and retail brand outlets, the deadly coronavirus has put a halt on the ever-growing Chinese economy. The Chinese economy already suffered a setback with US bilateral trade dispute and now with the deadly stung of Coronavirus the situation seems to be getting worse.

The epicenter of the coronavirus is Wuhan, which is known as the transportation hub of China and now with transportation being blocked it is going to severely affect the export business.

The virus has infected more than 20,000 people so far, thus crippling one of the vital economic centres

of the world. The situation is such worse that it has upset worldwide trade because of which the vicious supply chain is also disturbed. The business is crippled in China and the aftermath can be seen in other parts for the world. The famous Messe Frankfurt's Shanghai Textile fairs which were to be held next month, have also been postponed which further adds to the looming uncertainty.

The market players in polyester field are under great concern as business in Hubei, in Central China has paused. Polyester production is likely to see a dip this month and it could extend further if the situation is not brought under control immediately. Not only the polyester industry but

all the industries related to it like paraxylene industry are going to suffer. The disruption to the polyester and textiles industry would be devastating as many textile, print and dyeing business are bunched in Central China, according to reports in global media.

The transport links have been severed, with land and water transport being stopped. If the virus spreads its tentacles to other parts, it will be a total lockdown situation. The transport paralysis will disturb the delivery of apparels and other textile products.

In short, the virus outbreak will result in shortfall of both fabric and finished products. Since China has



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Fax +49 69 6603-1511  
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been a robust growth market for big brands, the financial impact because of the shutdown is going to be immense.

According to global newswires, Chinese stocks have nosedived as WHO declared the spread of coronavirus a global health emergency. The situation is now going to badly affect the global economy that will include the textile and retail sectors.

If China bounces back quickly, it will be great for its economy as China now accounts for more than 16 per cent of global economic activity. Since the outbreak of the virus, Chinese stock markets have plunged 8 per cent, while the Chinese yuan fell over 1 per cent.

Both from global trade and societal perspectives, everyone who is in the know of the situation is wishing for a speedy improvement in the situation. The impacts are going to be worse if things continue as they are now.

### FESPA position on novel coronavirus

FESPA organisers have issued the following statement regarding the impact of COVID-19, also known as novel coronavirus, on its forthcoming events:

FESPA Global Print Expo 2020 will take place as scheduled from 24-27 March 2020 at IFEMA – Feria de Madrid, Spain, along with the co-located exhibitions, European Sign Expo 2020 and Sportswear Pro 2020.

FESPA takes the concerns of exhibitors, visitors and partners regarding the outbreak of COVID-19 (also known as novel coronavirus) very seriously. Safety is always first priority, and FESPA wishes to take proactive steps to minimise the risks to all participants at the March 2020 events in Madrid. As such, the FESPA Board and Senior Management Team is actively monitoring all developments

relating to COVID-19, guided by latest information from WHO (World Health Organisation).

### Exhibiting companies from China

With effect from 20.2.2020, FESPA is formally contacting all exhibiting companies from China at the three Madrid 2020 exhibitions, requiring that they provide documented evidence that all representatives of their company attending the exhibitions, including sub-contractors, have not resided in or visited China at any time after 5th March 2020. This represents a two-week period preceding the beginning of the build-up of the exhibitions.

FESPA believes that this proactive policy is in the best interests of the health and well-being of exhibitors, attendees, partners and staff (as well as the general public in the host city of Madrid).

FESPA recognises the importance of the Madrid 2020 exhibitions to the exhibitor community within China and has made every effort to minimise the disruption and impact to these companies.

Exhibiting companies from China not fulfilling this requirement will not be able to participate at the Madrid 2020 exhibitions, and their options are being clearly communicated to them in writing by FESPA's representatives in China.



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## Other exhibitors and visitors

FESPA is in contact with all exhibitors and pre-registered visitors at the Madrid 2020 exhibitions to advise them of these measures and to request that they should not attend if they have visited China after 5th March 2020. This information will also be published on the event websites and on the main FESPA website and communicated via the FESPA National Associations.

## Measures at IFEMA

FESPA is working closely with IFEMA and with the relevant authorities in Madrid to provide exhibitors and visitors to the FESPA 2020 events with the relevant support and guidance.

IFEMA has protocols linked to those established both by the World Health Organisation and by the national Spanish Ministry of Health and regional Council of Health of the Community of Madrid regarding first-line actions to be taken should a case of infection by this virus be detected within its facilities.

Similarly, IFEMA has increased the health measures it takes, and is in constant contact with the authorities through its two Medical Service units, which are equipped to provide immediate medical attention during its events. Should a case be detected, it is, in turn, prepared to activate the appropriate protocol and

refer the affected person to the reference hospital for observation and attention.

In addition, IFEMA's other preventive measures include expanding the signage for the two Medical Service units, so that people attending an event are aware of their existence and better able to locate them, if necessary.

The dissemination of the WHO recommendations has also been reinforced and these are visible at all strategic points of passage, where the location and emergency telephone number of IFEMA's Medical Service are also provided.

Hygiene measures in different parts of the premises have also

been implemented and expanded by providing assistants with sanitary soap dispensers, as recommended by WHO, as well as strengthening the cleaning services of the facilities.

FESPA CEO Neil Felton comments: "By taking this proactive step with regard to our exhibiting companies to China, our aim is to safeguard the health and wellbeing of every participant at our FESPA 2020 events to the best of our abilities, while also providing strong reassurance to our exhibitor and visitor communities. We look forward to a vibrant and successful event in Madrid in March."

## Turkey, Pak want to raise bilateral trade volume to \$5 bn



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Turkey and Pakistan want to increase bilateral commercial and economic ties to the level of their political relations to fully realise their immense potential, Turkish President Recep Tayyip Erdogan told the Turkey-Pakistan Business and Investment Forum in Islamabad recently. He was on a two-day official visit to Pakistan last week—the second since he became president.

Ankara and Karachi agreed to formulate a declaration of an economic framework to increase bilateral trade volume to \$5 billion from the current volume of \$800 million.

The two countries have seen their trade volume go up from \$600 million to about \$800 million over the last five years.

“I frankly do not plan for trade volume between Turkey and Pakistan, with a combined population of around 300 million, to stay at \$804 million. We should first rapidly bring our bilateral trade to over \$1 billion and then to our target of \$5 billion,” he was quoted as saying.

“Despite the increasing trade and investments recently, unfortunately, we see that we are far behind our potential in this area,” Erdogan said, stressing the strong drive of both countries’ political leadership to support the business world to propel ties to the level they deserve, according to Pakistani media reports.

A large Turkish business delegation, comprising leading business representatives from engineering, energy, tourism, construction, defence, automotive, chemicals, information technology and other sectors, accompanied the president during the visit.

Abdul Razak Dawood, adviser to the Pakistani prime minister on commerce and investment, was cited by a news agency as saying that Pakistan and Turkey will begin negotiations to finalise a free trade agreement in April.

Turkey and Pakistan are engaged in the Strategic Economic Framework (SEF), which aims to boost the bilateral trade volume. Last year, Ankara presented its proposals on the SEF to Islamabad to expand the bilateral trade volume five-fold from its existing level.

The SEF includes some 71 actionable items, including a free trade agreement, technology transfer, capacity building and defence cooperation.

There are 158 companies with Pakistani capital in Turkey. The total investment of these firms has reached nearly \$100 million. Seventeen Turkish companies are operating in Pakistan.

**German, Italian  
investors interested  
in investing in Pak**

German and Italian investors and manufacturers have evinced keen interest in the Allama Iqbal Industrial City, a prioritised special economic zone of Faisalabad Industrial Estate Development and Management Company (FIEDMC) under the China-Pakistan Economic Corridor (CPEC), according to FIEDMC chairman Mian Kashif Ashfaq, who is touring Europe.

Ashfaq said a delegation of investors and manufacturers from Germany would soon visit Pakistan to explore business opportunities and FIEDMC would provide them all required assistance in this regard, according to Pakistani media reports.

He said German textile machinery would help Pakistani manufacturers improve quality of products and reduce cost of business.

Pakistani textile exports to Germany witnessed an upward trend of 16 per cent after Pakistan got generalised scheme of preferences plus status.

Similarly, Italian investors are also keen to invest in LPG, energy, hydropower, mining, agriculture machinery, food processing, automotive, telecommunication, oil and gas and marble sectors, he added.



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## World's first C2C Platinum for Rajby Textiles

Monforts customer Rajby Textiles is the first company in world to have finally achieved the Cradle to Cradle (C2C) Platinum Standard for a product. Its Beluga denim fabrics have gained sustainability score in all 5 categories covered by C2C standard, which is acknowledged as involving the toughest and most thorough assessment possible to put a product through.

As such, Beluga denim fabric is based on 100 per cent GOTS certified organic cotton and employs no hazardous chemicals in its production. At the same time, it is both recyclable and biodegradable, with 100 per cent of the energy used in its production offset by green energy and involving a closed loop system with no wastewater generated and

no material wastage.

Until now, no company has been able to achieve a Platinum rating for any product across all ten separate product areas in the C2C programme, which was first introduced in 2005.

The C2C Certified Product Standard guides designers and manufacturers through a continual improvement process, aiming to achieve a circular economy approach. The five quality categories on which products are graded are material health, material reutilisation, renewable energy and carbon management, water stewardship and social fairness.

A product receives an achievement level in each of these categories – Basic, Bronze, Silver, Gold or Platinum – with the lowest achievement level representing the product's overall mark.

The criteria at each level builds towards the expectation of eliminating all toxic and

unidentified chemicals, and the products breaking back down to nutrients after use, to establish a safe, continuous cycle.

So far, the C2C Certified Product Registry lists 612 separate products, with 113 being Gold standard.

Rajby has already achieved Gold for its Greenmystery and Blue Magic denim fabrics and three other Monforts denim companies based in Pakistan have also achieved Gold to date – Artistic Fabric and Garment Industries for Earthmatics denims, Artistic Milliners for Dylan denim fabrics and Soorty, for both its Pure D and Smart Loop ranges.

The new Beluga denim fabrics, however, represent a new zenith in circular denim production.

To meet the active cycling requirement, Rajby has committed to using Beluga denim fabric exclusively in apparel products sold by retailers with take back programmes in place and estimated expected cycling rates for such products. Rajby collaborated with C&A, which led the research and quantification for this initial certification through its We Take it Back programme and will track active cycling rates through it.

The fabrics range from 4oz to 13oz in weights in a range of different woven constructions.

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Karachi-headquartered Rajby Textiles has a monthly production of 3.2 million metres of denim and 1.3 million finished garments and sustainability is at the top of its agenda.

Its advanced technology includes a Monforts denim finishing range comprising washing compartments, padder, a weft straightener, cylinder dryers, a levelling field, a compressive shrinking unit, felt calender, inspection table and an outlet combination. With a working width of two metres, the complete installation has a length of 42 metres.

“When we started working for C2C Gold certification it wasn’t easy, because the requirements are very tough,” said Safdar Shah, who led the C2C project team at Rajby. “We worked very hard to create a completely green supply chain and we also modified our machines and processes to meet the standard, going beyond what was required and creating a 100 per cent closed loop process, including Zero Waste Water Discharge Dyeing (ZDD) and Zero Waste Water Discharge Finishing (ZDF).

“As a result, we have reduced the load of our biological ETP water effluent plant by approximately 99 per cent, since we are not discharging a single drop of water in the entire process. The fabrics are named after the Beluga whale and dedicated to preserving ocean life.”

## Pak FPCCI, PCDMA to resolve commercial importers’ problems

President of the Federation of Pakistan Chambers of Commerce and Industry (FPCCI) Anjum Nisar recently agreed on joint efforts with the Pakistan Chemicals and Dyes Merchants Association (PCDMA) to resolve problems being faced by commercial importers. The development followed a meeting by Nisar with a PCDMA delegation led by its chairman Amin Yousuf Balagamwala.

Nisar assured that the government will be informed about the problems and contact with relevant departments will be intensified, according to Pakistani media reports.

Balagamwala said the customs department had not changed the valuation rolling for two years. In

the global market, item prices have dropped below \$1000 to \$600, but instead of reducing the valuation rolling, the department is receiving duty at \$1,000 from importers, which needs to be revised according to the global market. He said the problem of 10 per cent additional sales tax needs to be addressed. Sales tax and duty tariff should be reduced to promote industrial activity, because commercial importers do not import consumer goods but import industrial raw materials, he said.

The government must reduce sales tax and duty tariff to ensure the supply of raw materials at reasonable prices, he added.

Balagamwala expressed concern over non-acceptance of the PCDMA certification for weboc ID, saying PCDMA is an A-class association. He said he would contact the Chinese Embassy in this regard and send a letter.

**IGATEX Pakistan rescheduled to July 2020**



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IGATEX Pakistan, the 13th international garment & textile machinery exhibition and conference, originally scheduled for March, has been postponed due to outbreak of Coronavirus. The trade exhibition will now take place from July 1-4, 2020 at Expo Centre, Lahore. The show will include demonstrations of various cutting-edge industry tools & technology.

IGATEX is one of the largest and well-established garment and textile machinery and accessories exhibitions in South Asia.

Providing a professionally enriching experience for textile machinery manufacturers, the exhibition will give them an opportunity to directly make their equipment available to quality buyers and decision makers in an exceedingly competitive global business environment.

Located at the crossroads of Asia, Pakistan has become a focal point for investors in the region, gained recognition as an important market among other textile manufacturing countries of the region. Pakistan is the 8th largest exporter of textile products in Asia. This sector contributes around 8.5 per cent to the GDP and provides employment to about 40 per cent of the 49 million workforce of the country.

Pakistan is the fourth largest producer of cotton with the third largest spinning capacity in Asia after China and India, and



contributes 5 per cent to the global spinning capacity.

### Recipients of Repreve Champions of Sustainability Announced

Unifi, Inc. an innovator in recycled and synthetic yarns, today announced recipients of the third annual Champions of Sustainability awards, continuing to recognize companies driving sustainability for the good of tomorrow. This year, a total of 79 companies have achieved key milestones through their use of Repreve recycled performance fibre. Highlights include H&M, which has recycled more than a half billion bottles, and Wal-Mart and Quiksilver reaching the quarter billion bottle milestone. In addition, Lovesac and Inditex, special category winners last year, both advanced to bottle-based

awards.

“Working together, Unifi’s brand, retailer and textile partners have helped us recycle more than 19 billion bottles,” said Jay Hertwig, Senior Vice President of Global Sales and Marketing for Unifi.

“We are excited that more and more companies are committing to global responsibility and using our eco-friendly fibre options to positively impact our planet, both now and in the future.”

Repreve Champions of Sustainability will be awarded to 26 brand and retail partners that have each transformed 10 million or more recycled plastic bottles, and 42 textile partners that have each transformed 50 million or more bottles, through the use of Repreve performance fibres.

“While plastic consumption is on

**Biancalani**  
MACCHINE TESSILI

Biancalani s.r.l.  
Via Menichetti, 28  
59100 Prato - Italy  
Tel. +39 057454871  
Fax +39 0574633491

E-mail [contacts@biancalani.com](mailto:contacts@biancalani.com)  
[www.biancalani.com](http://www.biancalani.com)





the rise, we're doing our part to give bottles a second life. It is our hope that these awards also inspire consumers to make recycling a daily habit and increase recycling rates," said Hertwig. In addition to the 68 bottle-based awards, Unifi is also recognizing 11 special category award winners:

- Repreve Partners in Innovation recognizes companies that have created a unique product with REPREEVE or that used REPREEVE in a fresh, innovative way. This year's winners are Twin Dragon, Palmetto Synthetics and U.S. Denim Mills
- Repreve Circular Economy recognizes companies that demonstrate a substantial commitment to the circular economy by transforming waste into new products. Logoplaste and Oak Hall are

being recognized accordingly

- Repreve Newcomer recognizes key companies that made a significant switch to REPREEVE within the last year. Unifi is proud to recognize Macy's, Happy X Nature, Culp Home Fashions and Hard Rock International for this award.
- Repreve All-In recognizes companies that integrated REPREEVE throughout their product line(s). Bermuda Sands and Walmart are winners for their commitment to using Repreve.

#### Brand & Retailer Bottle Awards

Aeropostale, Gildan, Haggar, HanesBrands, Haworth, H&M, Inditex, JCPenney, Jordache, Lindex, Lovesac, Lucky Textiles, Momentum, Nike, Okaïdi, Patagonia, Polartec, Quiksilver,

Target, Timberland, The North Face, Under Armour.

#### Textile Partner Bottle Awards

Antex Knitting, Billion Rise, Clarotex, Copen, Darlington, Duvaltex, Elevate Textiles, Freudenberg Performance Materials, Hamrick Mills, Hornwood Inc, Inmobiliaria Apopa, Intradeco, Jiangyin Chunlan, Kipas, Küçükçalık, MAS Fabrics, Merinos, Milliken & Company, Nanjing Haixinlining, Nantong Dafuhao, Nantong Shuanghong, Ningbo Huayao, Ningbo Shenzhou, Pettenati, Pride Performance Fabrics, Saehan, Sage Automotive Interiors, Shandong Hongye, Shanghai Challenge Textile, Shuford Mills LLC, Snyder Enterprises Inc, Suzhou Yunmei, Swisstex Direct LLC, Tah Tong Textile, Texhong, Texpassa USA LLC, Textufil S.A., Tuntex, Worldon, Wujiang Zhonglian, Wuxi Changjiang, Yuanwen

#### Special Category Awards

*Repreve Partners in Innovation* - Twin Dragon, Palmetto Synthetics, U.S. Denim Mills

*Repreve Circular Economy* - Logoplaste, Oak Hall

*Repreve Newcomer* - Macy's, Happy X Nature, Culp Home Fashions, Hard Rock International

*Repreve All-in* - Bermuda Sands, Walmart



Loepfe Brothers Ltd.  
Kastellstrasse 10  
8623 Wetzikon  
Switzerland

Phone +41 43 488 11 11  
Fax +41 43 488 11 03  
sales@loepfe.com  
www.loepfe.com



## FESPA Global Print Expo 2020 set to bring colour to life with the latest screen and digital printing

The international specialist print community is due to descend on Madrid this spring for FESPA Global Print Expo 2020 (IFEMA – Feria de Madrid, 24 – 27 March 2020), Europe's largest exhibition for screen and digital wide format printing, textile printing and sign making.

Print service providers and sign makers will be able to experience the latest innovations in screen and digital printing presses, consumables, workflow, and colour management. Gold exhibition sponsors include first

time FESPA exhibitor, HanGlory, the Shenzhen-based specialist provider of digital UV hybrid and flatbed printers, along with HP, Mimaki, and Brother.

Neil Felton, CEO of FESPA, says: "For decades, FESPA exhibitions have been the foremost forums for experiencing the latest and greatest offered by manufacturers serving the specialist print industries. As such, FESPA exhibition booths are famed for being an engaging blend of colour and cutting-edge design, as exhibitors compete to capture the attention of visitors,

and FESPA Global Print Expo 2020 will be no different."

### Textile Print

Print Make Wear, FESPA's fast fashion factory, was one of the most popular features at FESPA 2019 in Munich. It returns in Madrid in 2020 and will act as the physical link to the co-located Sportswear Pro exhibition. Mimaki, Kornit, Drytac, Antalis, Roland, and Berger Textiles are among around 20 exhibitors who will collaborate to create a live end-to-end production process for



Donzdorfer Strasse 4, D-73079 Süssen, Germany  
Phone: +49 (0)7162 15-0  
Fax: +49 (0)7162 15-367  
E-mail: mail@suessen.com

Factory and Shipping Address  
Donzdorfer Strasse 65, D-73079  
Süssen, Germany  
E-mail: mail@suessen.com



sports and athleisure garments.

Among the many textile printing solutions that will be shown at FESPA Global Print Expo 2020 are HP's (Hall 5, Stand C10) recently launched HP STITCH S1000 126-in Printer and the HP STITCH S500 64-in Printer, providing dye sublimation production for soft signage, sportswear, fashion, interior décor textiles industries and beyond. With fast, precise colour-matching, these solutions deliver continuous high-quality prints on paper and fabric with simplified operation at high productivity levels.

Visitors will also be able to experience a new hybrid digital textile printer from Bihong Printing Equipment (Hall 3, Stand A10), a new addition to the TexJet® series of direct-to-garment printers - the TexJet® shortee2 - from specialists Polyprint SA (Hall 3, Stand C40), and new organic cottons, recycled polyester and eco fabrics from Premier Digital Textiles (Hall 3, Stand A121). Berger Textiles (Hall 7, Stand B30) will also be showing a new range of sustainable textile products, all manufactured in Germany.

### Digital Print

Visitors to the Mutoh stand (Hall 7, Stand B95) will be inspired by multiple application possibilities for sign & display, digital transfer, direct textile and specialty/ industrial applications. Mutoh

will present the XpertJet 1641SR and the XpertJet 1682SR, its two new 64" wide, high quality and high productivity piezo drop-on-demand roll fed solutions for sign and display. These printers feature, a dual ink option including a new 7 colour ink set, along with multiple product enhancements. Mutoh will also exhibit its second generation direct-to-object printers, the XpertJet 461UF and the XpertJet 661UF, as well its new ValueCut II sign cutting plotter range, signalling its commitment to sign cutting and the print-to-cut industry.

HP (Hall 5, Stand C10) will show the new HP Latex R Printer Series Edition 2020. The HP Latex R Printer Series range has the ability to enhance any rigid or flexible substrate with amazing colours, offering the versatility to expand into new applications. HP will also exhibit the HP Latex 1500 Printer, the HP Latex 570 Printer, and the HP DesignJet Z9 dual roll 44-in PostScript® with Vertical Trimmer.

Canon (Hall 7, Stand A60) will bring a full line-up of end-to-end solutions to FESPA Global Print Expo 2020, including the Arizona flatbed series and Colorado roll-to-roll series. These include the Canon Arizona 1300 series with a roll media option, the Canon Colorado 1640 in line with cutting technology from Fotoba, and the Canon Colorado 1650. Canon will also exhibit its Xpert software solution that simplifies and

automates complex print jobs and its Touchstone textured printing solution, along with software and finishing solutions from partners.

Visitors to Agfa (Hall 5, Stand D10) will experience the Jeti Tauro H3300 LED in action, the award winning printer that enables smooth, detailed UV-cured prints up to 3.3m wide at up to 453 m<sup>2</sup>/h. It combines vivid six-colour print quality (plus white or primer) with extreme productivity, low ink consumption and cutting-edge automation. Also operational on the stand will be the hybrid Anapurna H3200i LED, a mid-range six-colour + white hybrid LED-curing inkjet system designed for a variety of rigid and flexible substrates up to 3.2 m for indoor and outdoor applications.

Visitors can expect new product announcements from Epson (Hall 3, Stand B20) at FESPA Global Print Expo. To be revealed on the first day of the exhibition, these will include new products for commercial signage and display, dye sublimation, digital textile print for wallpapers, vinyls, PVC and new printing solutions for direct-to-garment product.

### Screen Print

Screen printers can expect to see a range of new products in the halls at FESPA Global Print Expo 2020, ranging from heat transfer materials from SEF (Hall 3, Stand A35) to the EconoRed III Conveyor Dryer from Vastex



**CHT PAKISTAN (Pvt) Ltd.**

CHT House, 54-B Sundar Industrial Estate, Raiwind, Lahore

Phone: +92 42 35297476-81

Fax +92 42 35297482

info@chtpk.com

International (Hall 1, Stand C30). CHT (Hall 1, Stand D40), producer of speciality chemistry, will be showing a whole range of new screen printing products including a new generation of silicone and water-based pastes and pigment colour solutions.

Visitors interested in the hybrid approach can visit Digital Screen Printing Technologies (Hall 1, Stand B40), specialising in the production of hybrid transfer technologies, including release liners, inks, adhesives and anti-migration ink and additives. In addition, EXILE Technologies (Hall 1, Stand C10) will show the new SPYDER III Computer to Screen System, incorporating the latest phase-change printhead technology. It operates faster and at double the resolution of its predecessor, providing sharper detail, finer halftones and smoother gradients. It can also print smaller font sizes and more detailed vector and bitmap graphics, making it ideally suited for industrial screen printing applications.

Among exhibitors demonstrating new advances in ink technology at FESPA Global Print Expo 2020 are Zhuhai Print-Rite New Materials Corporation Limited (Hall 3, Stand A40), with its new high penetration sublimation ink for chiffon, and DAF KİMYA İÇ VE DIŞ TİC. A.Ş. (Hall 1, Stand A12) will show its unique range of hybrid water-based and plastisol products that include

textile screen printing inks, textile sublimation inks, as well as ecological pigments and PVC-free and phthalate-free plastisol inks. Sun Chemical (Hall 7, Stand D10) will demonstrate its extensive portfolio of inks with highlights expected across the categories of wide format, textile, and screen and industrial.

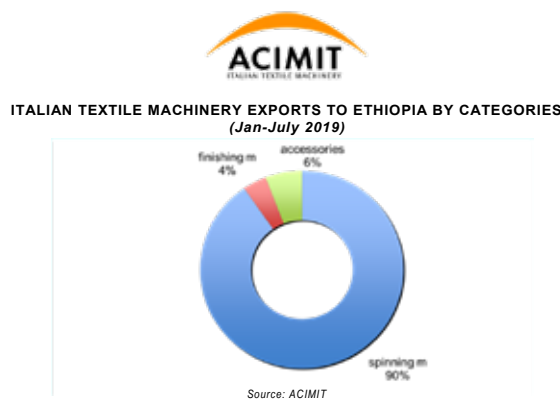
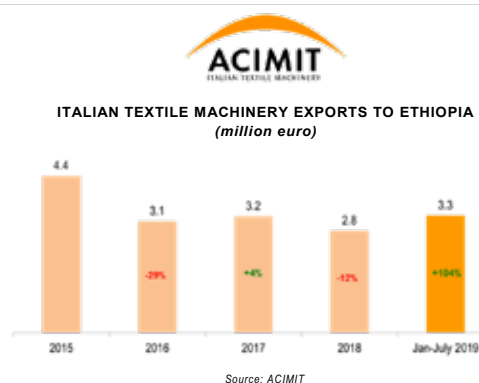
### Substrates and Consumables

Ahlstrom-Munksjö (Hall 7, B40) will exhibit its range of sustainable and innovative fibre-based solutions, including new wall coverings for eco-solvent printing. On show in Madrid will be two new non-woven wall décor products, specifically designed to assure excellent printability with

eco-solvent inks. Antalis (Hall 5, Stand C35) will launch the new Coala Interior Film range, designed to realistically recreate the look of natural materials and be applied to walls, doors, ceilings, furniture, elevators, partitions, and so on. It will be available by the metre and is easy to apply, facilitating a perfect application on any furniture contour or shape.

### Workflow and Colour Management

As automation becomes ever more important in driving efficiencies and protecting margins, visitors to FESPA Global Print Expo 2020 can expect to experience many new advances in software. Esko Graphics (Hall 7, Stand A10)





will demonstrate a range of its solutions including ArtiosCAD Preflight, Automation Engine, Share & Approve, and Kongsberg X Edge. New RIP technology from CADlink Technology Corporation (Hall 3, Stand B31) will be exhibited, including its new Digital Factory RIP Software (wide format print and cut RIP software), and Digital Factory UV Edition Software (RIP software specialising in UV design and production). New colour management solutions at FESPA this year will include the Sublispash® Driver – Colour Management Software Solution for Sublispash Inks, from Print Equipment (Hall 3, Stand E20).

### Avery Dennison and Mactac to show ‘where colours come alive’, from cars to interior design at FESPA

Avery Dennison and Mactac brands will be making the most of the Global Print Expo 2020, bringing colours alive and showcasing more than 10 new innovations across automotive, architectural, interior decoration and retail applications.

Visitors to stand 5-D35 will see cutting-edge products that demonstrate an ongoing commitment from Avery Dennison and Mactac to help their customers expand their offering and set themselves apart from the competition. Visitors are invited to attend daily demonstration



workshops done by the specialist Avery Dennison or Mactac trainers and learn how to apply and experience the latest new innovations themselves.

Oliver Guenther, senior director, Marketing and Channel Strategy, said that more than ten all-new solutions will be presented at the show: “2020 sees a new southern European venue for the Global Print Expo 2020 and some exciting new innovations from Avery Dennison and Mactac.

The FESPA theme is ‘Where Colours Come Alive’, and we will be showing a huge breadth of choices across colour and digital wrapping films. Visitors will also see a full automotive portfolio that allows installers to provide everything from full wraps through to accents, window tint films and paint protection films.”

New products on display will include recently added colours and

finishes for the popular Supreme Wrapping™ Film range and more new exciting expansions in our automotive solutions like paint protections films and window tinting making.

GTex International B2B textile garments, embroidery, digital printing, leather machinery, chemical & energy brand expo organised by Global Enterprise, at Karachi Expo Centre, Pakistan, from January 18-20, 2020, accomplished with a mega success. All major players of textile industry with their leading European and Chinese brands participated in the event.

Dr Mirza Ikhtiar Baig, former advisor to prime minister on textile, former senior vice

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Switzerland

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president of FPCCI & chief executive of Baig Group of Companies, along with the high profile dignitaries, government officials, professionals, diplomats, consul generals and industrialists, foreign delegates from all over the countries and CEO inaugurated the event.

GTex is the largest and the most successful technology expo with live combination of vast machinery display and extensive response to exhibitors and Pakistan textile industry during the 3 days of expo. The CEO of Global Enterprise (GTex), Mujib Siddiqui informed that for the first time in Pakistan GBOS Laser Denim System was introduced and displayed by their Pakistani agent M Ramzan Machinery.

43 countries participated at the event in which 810 brands were displayed by 430 participating companies. Approximately 45,000 B2B corporate quality visitors visited GTex Karachi Expo.

GTex is an unique platform to

display the latest innovations from various countries, i.e China, Japan, Australia, Taiwan, Italy, Turkey, Germany, Switzerland, Spain, Sweden, Netherlands, Czech Republic, Hong Kong, France, Austria, Iran, India, Korea, Ireland, Malaysia, Belgium, UK, USA, Singapore etc.

The next GTex Karachi exhibition will be held from January 23-25, 2021 for which 37 per cent space has already been booked.

### Messe Frankfurt postpones upcoming Shanghai textile shows

Frankfurt has announced today that its three textile fairs in Shanghai will be postponed from March to a later date due to the Novel Coronavirus outbreak. This includes Intertextile Shanghai Apparel Fabrics – Spring Edition, Yarn Expo Spring and Intertextile Shanghai Home Textiles – Spring Edition which were due to be held in Shanghai from 11 – 13 March at the National Exhibition and Convention Center.

This follows the recent announcement that the company's other fairs to be held in China in the coming two months – Prolight + Sound Guangzhou, SPS – Industrial Automation Fair Guangzhou (SIAF) and Asiamold in Guangzhou, and Toy & Edu, Baby & Stroller and Licensing China in Shenzhen – have also been postponed until later in the year.

“Messe Frankfurt has been an active player in the China market for over 30 years now, so we stand fully behind the government's efforts to control the outbreak,” Ms Wendy Wen, Senior General Manager of Messe Frankfurt (HK) Ltd outlined. “This includes the recent suspension of large-scale trade and economic events in a number of cities, so with this and the wellbeing of all our stakeholders in mind, we have made the decision to reschedule our upcoming textile fairs in Shanghai to a later date. Our teams are making every effort to find suitable alternatives, but we will only make the decision to go ahead with these fairs when it is deemed safe to do so.”

Further announcements on the fairs will be made in due course. Exhibitors or visitors with any queries about the textile fairs should email [textile@hongkong.messefrankfurt.com](mailto:textile@hongkong.messefrankfurt.com).

Intertextile Shanghai Apparel Fabrics is co-organised by Messe Frankfurt (HK) Ltd; the Sub-Council of Textile Industry,



**KLÜBER**  
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Klüber Lubrication  
Deutschland SE & Co. KG  
Geisenhausenerstraße 7  
81379 München  
Postfach 70 10 47

Tel.: +49 89 7876-0  
<http://www.klueber.com>



CCPIT; and the China Textile Information Centre. The co-organisers of Yarn Expo Spring are Messe Frankfurt (HK) Ltd and the Sub-Council of Textile Industry, CCPIT. Intertextile Shanghai Home Textiles is co-organised by Messe Frankfurt (HK) Ltd; the Sub-Council of Textile Industry, CCPIT; and the China Home Textile Association (CHTA). All three fairs are held concurrently with the PH Value and CHIC textile fairs, which will also be postponed.



## ISPO Munich 2020: The industry is taking responsibility

About 80,000 visitors from all parts of the world flocked to ISPO Munich over the past four days to gain inspiration from the latest sports innovations, trends and products that were showcased in Messe München's 18 halls. Sustainability has become increasingly important. This commitment to the environment demonstrated that ISPO Munich has become much more than a pure product show: It is a network that fuels partnerships and initiatives. "The world is

going through sweeping social change," says Chairman and CEO of Messe München Klaus Dittrich. "Developments like climate change, globalization and polarization in our societies are so far-reaching that they trigger global discussions. We must find solutions to these problems before it is too late." The sporting goods industry understands its responsibility and focuses more than ever before on sustainably manufactured products and on the circular economy, something that

encompasses a product's entire life cycle. Product ideas ranged from a jacket made of plastic fished out of the world's seas to vegan running shoes. But today's consumers want something more than sustainable products. They also expect companies to increasingly practice a philosophy of purpose. "Platforms like ISPO Munich play a key role in launching initiatives and partnerships and raising awareness levels about the need to sustainably use our planet's resources," says Mark Held, the

President of the European Outdoor Group (EOG). “We set up a new format designed to facilitate a discourse about important issues and to place it onto a stage for society to see – the ISPO SDG Summit. The integrative power of sports can help to build bridges and overcome hurdles,” says Dittrich. The summit will take place for the first time on June 29, 2020, in Munich parallel to OutDoor by ISPO. Its objective is to develop solutions and joint projects that promote the United Nations’

Sustainable Development Goals (SDGs). One of the summit’s first supporters is Tegla Loroupe, who received the ISPO Cup honoring her outstanding social commitment: Her foundation operates a sports sponsorship program for refugees. She will lead the Stateless Athletes team into the stadium at the 2020 Olympic Games in Tokyo.

Further information on the ISPO SDG Summit is available in the press area.

### The running trend

People’s failure to exercise is one of the world’s major social challenges today. Running, one of the most popular sporting activities since the beginning of the 1970s, is one way to significantly reverse this trend. Leisure-time and hobby runners dominate the market, a place that continues to bring forth new brands and other innovations. The latest facts about

the running market were presented to the audience at the 7th Runner’s World Running Symposium. With more than 300 attendees, every seat in the house was taken. The latest running shoe models and accessories were showcased in the new Shoe Village, an area that addressed the future market in the appropriate way.

### eSports

Nearly 20 percent of people between the ages of 11 and 17 are not sufficiently physically active, according to a recent study by the World Health Organization. “We have to meet these target groups in places where their interests lie,” Dittrich says. For young people, these places are digital media, he added. One major opportunity in this regard is eSports with top athletes acting as role models for the young generation. eSports have been an important aspect of ISPO Munich since 2019 and proved to be very popular this year as well.

### Inspiration and creativity

The sporting goods industry demonstrated its creativity throughout the trade fair’s 18 halls. And there appears to be no limits in the textile segment: Function and fashion come together and are increasingly melding into a single unit. The Urban Lab has become the venue where the design community and creative individuals get together. It was one of the highlights of the fair. More and more brands have been signing up for the first time

to showcase their products at the trade fair. This year’s newcomers included Sony, with its innovative technical materials, and Save the Duck, with its vegan clothing range.

### ISPO Munich in numbers

Around 80,000 industry visitors from 120 countries came to Munich (2019: 80,200). The countries with the largest number of visitors (in this order) were Germany, Italy, Austria, France, Switzerland, Great Britain and the Russian Federation. The ratio of visitors from outside Germany rose to 70 percent (2019: 69 percent). There was an increase of visitors from France, Japan, South Korea and New Zealand. According to a survey carried out by market research company Gelszus Messe-Marktforschung among visitors, 45 percent of respondents believe that ISPO Munich will continue to play an increasingly important role.

2,850 exhibitors took part in the trade fair (2019: 2,926). For the first time, Toyota joined traditional sporting goods and outdoor brands at ISPO Munich and introduced its mobility concept to the international audience.

The next ISPO Munich will be held from January 28 to 31, 2021, in Munich.

The ISPO Munich Sports Week is in full swing and will conclude with the Night Run in Olympiapark on February 1. More than 1,000



Donzdorfer Strasse 4, D-73079 Süssen, Germany  
Phone: +49 (0)7162 15-0  
Fax: +49 (0)7162 15-367  
E-mail: mail@suessen.com

Factory and Shipping Address  
Donzdorfer Strasse 65, D-73079 Süssen, Germany  
E-mail: mail@suessen.com



runners have already registered: a new record for the Night Run.

### Service

You will find more details and background information about the four days of the trade fair and industry news at [ispo.com](http://ispo.com). Photo material can be found in the media portal. You will find all reports by ISPO TV on our website.

### About ISPO

ISPO is the world's leading sports network for business professionals and consumer experts. The platform was launched in 1970 and brings together an integrated range of industry-related analog and digital services under the ISPO family brand name. This includes the world's largest multisegment

trade fairs ISPO Munich, ISPO Beijing and ISPO Shanghai as well as OutDoor by ISPO, the online news portal [ispo.com](http://ispo.com), and the business solutions ISPO Digitize, ISPO Brandnew, ISPO Open Innovation, ISPO Award, ISPO Academy, ISPO Textrends, ISPO Job Market and ISPO Shop. With its far-reaching mix of innovation promotion, industry networking, know-how and editorial insights, ISPO works 365 days a year to support companies and sports enthusiasts, and to foster passion for sport worldwide.

### Messe München

Messe München is one of the leading exhibition organizers worldwide with more than 50 of its own trade shows for capital

goods, consumer goods and new technologies. Every year, a total of over 50,000 exhibitors and around three million visitors take part in more than 200 events at the exhibition center in Munich, at the ICM – Internationales Congress Center München and the MOC Veranstaltungszentrum München as well as abroad. Together with its subsidiary companies, Messe München organizes trade shows in China, India, Brazil, Russia, Turkey, South Africa, Nigeria, Vietnam and Iran. With a network of associated companies in Europe, Asia, Africa and South America as well as around 70 representations abroad for over 100 countries, Messe München has a global presence.



Stäubli International AG  
Corporate Communications  
PO Box 30  
CH-8808 Pfäffikon / Switzerland

Phone: +41 55 416 00 40  
Fax: +41 55 416 00 55  
[corporate.communications@staubli.com](mailto:corporate.communications@staubli.com)





## Panorama Berlin Autumn/Winter 2020/21





# Panorama Berlin Autumn/Winter 2020/21





# Panorama Berlin Autumn/Winter 2020/21





# Panorama Berlin Autumn/Winter 2020/21



# Panorama Berlin Autumn/Winter 2020/21



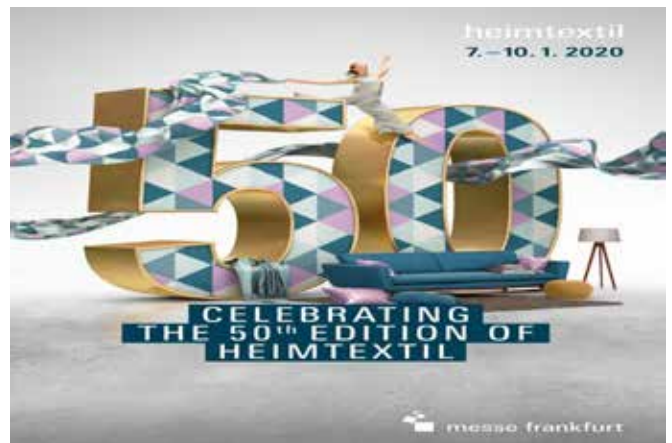


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# The Salon International de la Lingerie and Interfilière Paris: A Final Report

“Back to basics” was the key concept for the 2020 edition of the Salon International de la Lingerie and the Interfilière Paris show, which have drawn to a close after three days rich in discoveries and full of enthusiastic discussions between exhibitors and buyers.

More committed than ever to change, this edition shined a bright spotlight on the marvelous new approaches that are now breaking the rules of tired, old lingerie stereotypes. Whether it's established brands, young designers, or manufacturers, all industry stakeholders were able to highlight their commitment, opening the way to more conscious, sustainable consumption in a fashion industry that remains the second most polluting sector in the world. Aware of our responsibility as fashion trade show organizers, Eurovet was committed this year to taking a stance alongside lingerie and textile brands, offering them the most exquisite of showcases. A newly attractive exhibit hall, a dedicated O.R.G.A.N.I.C. space, revamped dimensions, a carefully designed setting... Eurovet truly thought out an event that would reflect the real turning point we are now facing. This bold stance was naturally accompanied by relevant initiatives to limit the production of waste within the show. This aware vision went beyond the only frame of ecological concerns to become also part of an inclusive position: a genuine desire to bring us closer to women in all their diverse beauty, uniqueness and contradictions. This edition was more than ever proof of the new products on offer that are truly worthy of all women, who are multifaceted and unique.

Despite a Parisian social climate that was unfavorable for professional travel and a truly



**FONG'S EUROPE GMBH**  
Milchgrundstrasse 32,  
D-74523 Schwäbisch Hall, Hesselental  
Germany

Tel: (49) 791 403 0  
Fax: (49) 791 403 166  
Email: [info@fongs.eu](mailto:info@fongs.eu)

challenging context for the lingerie industry, this edition proved to be a lovely surprise and reassured industry players. A slightly lower number of visitors was unsurprising. Despite all this, visitors were enchanted by the variety of different spaces: must-see zones – Exposed, at the Salon International de la Lingerie, and the new dedicated spaces – O.R.G.A.N.I.C., Millennials or Mint, and The Exception and Tomorrow! spaces at Interfilère Paris. This offered so many options for concept stores and buyers from all over the world.

To the delight of exhibitors and visitors, many spaces were available to foster conversations and encounters. Speed meetings, ambassador cocktail events, hosting of international boutiques, personal shoppers, inspiring talks, practical workshops, collaborative discussions and dialogue, and more...

This year, Eurovet has once again focused on a program of events and expert content that offers optimal guidance to exhibitors, buyers, and journalists in their thought processes. In fact, the media was out in great numbers, thus becoming a voice to communicate what many industry stakeholders were seeking out.



## Salon 2020 Paris



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Head Office  
Huntsman (Singapore) Pte Ltd  
Textile Effects Division  
152 Beach Road  
#29-00 Gateway East

Email: [pr@huntsman.com](mailto:pr@huntsman.com)  
Phone: +65 297 3363  
Fax: +65 6298 0037  
Website : [www.huntsman.com/textile\\_effects](http://www.huntsman.com/textile_effects)

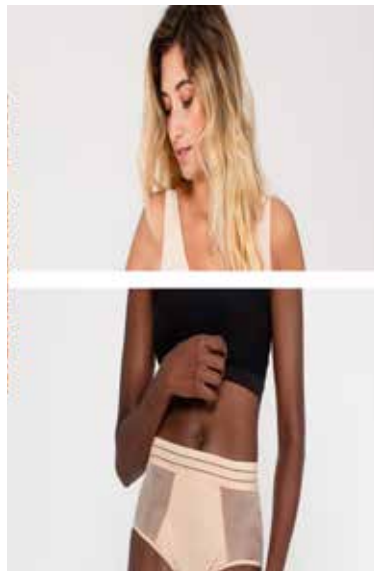
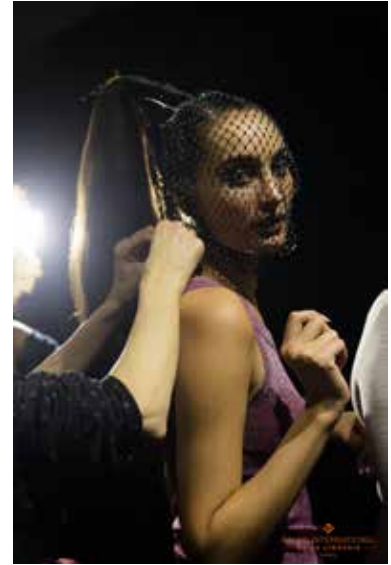


# Salon 2020 Paris



**Good Times Better Times**  
**Textiles Times is the Best Times**

# Salon 2020 Paris





# VDMA Textile Care, Fabric and Leather Technologies at SIMAC / Tanning Tech 2020 in Milan

**Milan, 19th February** – The annual SIMAC / Tanning Tech is one of the world's leading trade fairs for machines and technologies for the shoe and leather goods industry. The fair is an established and good platform for the international manufacturers of shoe and leather technology to show their top products to a selected audience.

## VDMA Services joint stand at the SIMAC

This year, four manufacturers of shoe and leather technology will be presenting their products at SIMAC 2020 as part of the VDMA Services joint participation. The following companies are exhibiting their products on a joint stand covering a total area of 165 m<sup>2</sup>:

- Efka - Frankl & Kirchner

GmbH & Co. KG

- Fortuna Spezialmaschinen GmbH
- Global International B.V.
- PMF GmbH Maschinenfabrikation

In addition, numerous VDMA member companies are represented at the fair with their own stands. "The large presence of German and European companies at SIMAC underlines the importance of the fair for the global shoe and leather industry," says Elgar Straub, Managing Director of VDMA TFL (Textile Care, Fabric and Leather Technologies).

After many very successful years, the industry can look back on a more mixed year in 2019. In the first eleven months of 2019,

German manufacturers of shoe and leather machinery were able to export machines worth 39.77 million euros. Exports fell by 16.6 percent compared to the same period last year.

All the more reason for exhibitors to hope that SIMAC will provide a further boost to their business.

## About VDMA Textile Care, Fabric and Leather Technologies

Within the VDMA, the Textile Care, Fabric and Leather Technologies trade association supports manufacturers of sewing and clothing technology, shoe and leather technology, laundry and textile cleaning technology and manufacturers of machines for processing technical textiles. The VDMA TFL is the conceptual sponsor of the Texprocess and Texcare trade fairs.

# VDMA Textile Care, Fabric and Leather Technologies: High expectations of Texcare International 2020

**Sustainability will be one of the main topics at the leading trade fair.**

**Frankfurt, 11 February 2020**  
- From 20 to 24 June 2020, the

leading international trade fair Texcare International will once again be the worldwide meeting place for laundry and dry-cleaning technology in Frankfurt am Main.

## Main topic: sustainability

Sustainability is still becoming more and more important and will play a role across all exhibitors. The consumers' awareness of



Dilo Group  
Im Hohenend 11  
69412 EBERBACH

Phone: +49 / (0) 62 71 / 9 40-0  
Fax: +49 / (0) 62 71 / 7 11 42  
E-mail: info@dilo.de

sustainability is also increasing and with it the demand for more sustainable and resource-efficient industrial production. The EU Commission is also prioritizing the topic. The EU Commission's Green New Deal will also concern and shape the textile care industry in the coming years. In this context, the Circular Laundry topic is also rapidly gaining in importance.

### Potentials through digitization

The advancing digitization in particular offers enormous potential to further advance these issues. Automation and artificial intelligence, among other things, are pointing the way ahead. Companies are thinking ahead on the topic of laundry in order to improve connectivity and digitization and to drive forward the digitization of the entire value chain. Resource conservation, efficiency and hygiene are the most important goals.

Due to worldwide changes, such as rising hygiene and living

standards, the industry has extremely positive expectations for the future. "The growing global hygiene standards offer many new opportunities for the entire Textile Care sector. Therefore, our industry as a whole, is positive about future prospects", says Elgar Straub, Managing Director of VDMA TFL. Companies have great expectations of this year's Texcare International edition because it will set the course of the sector for the coming years.

### Economy of the sector

Last year's tense political and economic situation also affected the laundry and dry-cleaning industry. The trade conflict between the USA and China and the unsettled Brexit situation were only two of the geopolitical crises that disturbed the markets. As these are all important target markets for the industry, the conflicts are unsettling customers and reducing investment. It is precisely for this reason that Texcare is expected to provide positive investment impetus.

After many very successful years, the entire German VDMA Textile Care, Fabric and Leather Technologies industry is looking back on an unstable year 2019 and economy experienced a significant slowdown. Incoming orders for the entire TFL industry (including garment and leather technology) dropped by 7 percent in real terms in 2019 but are still above the average for incoming orders in the mechanical engineering industry in general. In the same period, sales

### VDMA TFL is conceptual sponsor of Texcare International

Texcare International is the leading international trade fair for the laundry and dry-cleaning sector. From 20 to 24 June 2020, international exhibitors will present their latest machinery, plants, processes and services for laundry and dry-cleaning technology to the trade visitors of Texcare.

## Edana Is Pleased To Announce The Nominees For The Index™20 Awards

27th January 2020 – Brussels, Belgium – INDEX™20, the largest global meeting place for players in the nonwovens industry, will again feature the INDEX™20 Awards for "Excellence in the nonwovens and related industries" at the EDANA stand at 10 am

Tuesday 31st March, the opening day of the exhibition.

Throughout the four day exhibition the nominated submissions will be displayed at The Nonwovens Innovation Lab, a new INDEX™20 feature showcasing how invention

and sustainability drive the industry forward.

Open to products commercially available by the 31st January 2020, and selected by a jury of experienced peers, EDANA's INDEX™20 Awards are the



CHT Pakistan (Pvt.) Ltd.  
Sundar Industrial Estate 54-B  
Raiwind Road  
55150 Lahore

Managing Director:  
Mr. Haroon Ali Khan

+92 42 111 111 248  
+92 42 352 974 82  
info.pakistan@cht.com



highest accolade for the best examples of excellence in the industry, highlighting creativity and innovations from businesses of all sizes, and from all parts of the nonwovens supply chain.

Nominees for each of these, in alphabetic order, are as follows:

• **Nonwoven Roll Goods**

- o Fa-Ma Jersey – Microfly™ - nanocham AG+
- o Jacob Holm - Sontara® Dual
- o Sandler - New ADL

• **Finished products made from, or incorporating nonwovens**

- o Callaly - Tampliner®
- o Dupont De Nemours - Dupont™ Tychem® 2000 SFR
- o Hassan Group- Heatable Geosynthetic Material

• **Raw materials or components (e.g. fibre, binder, polymer, tape), of special relevance to the nonwovens industry and related converted products**

- o Beaulieu Fibres International - UltraBond
- o Omya International - Omyafiber® 800 (Calcium Carbonate)
- o Pelsan – Biodegradable breathable film for hygiene & medical market

• **Innovation in machinery**

**of special relevance to the nonwovens industry**

- o CAMPEN Machinery – New patented airlaid beater forming technology
- o Dienes Werke für Maschinenteile - Depth Control Senso Plus (Led)
- o GDM - Expandable Welding Wheel

• **Achievement for the most original marketing campaign for a product made from, or incorporating nonwovens:**

- o Berry Global - J-Cloth® Plus Biodegradable Communication Campaign

• **Sustainable Product**

- o Ahlstrom-Munksjö - Fiber+, Green Capsule oxygen barrier lid, Compostable k-cup filter
- o Beaulieu Flooring Solutions - Rewind - Forward thinking carpet
- o RKW – RKW HyJet® Crop Cover

• **Sustainable process or management practice**

- o Fatersmart – Closing the loop on used absorbent hygiene products
- o Diaper Recycling - Pureflow8
- o TiHive™ - TULIPZ

For more information about the exhibition, or to register as a

visitor, please visit the dedicated INDEX™20 website: <http://www.indexnonwovens.org>.

**INDEX™ Awards Ceremony**

The winners will be presented with their specially commissioned bronze sculpture and a diploma at the Awards Ceremony, which will be attended by the media and is open to all exhibitors and visitors to the show.

**An award and a work of art**

Designed by world-famous Belgian sculptor, Olivier Strebelle, the stunning work of art is both beautiful and representative of the diversity of EDANA's members and their products. Olivier Strebelle (1927-2018), a renowned artist by the age of 20, today has sculptures displayed in major cities across Europe, the United States and Asia.

**About EDANA**

As the voice of nonwovens and related industries, EDANA helps over 260 members across over 30 countries design their future. Its mission is to create the foundation for sustainable growth through active promotion, education and dialogue.



8, Kokan Society, Dr. Azhar Hussain Road,  
Near Kokan Park, off: Shaheed-e-Millat Road,  
Karachi-74000 Pakistan

Tel (92-21) 111-222-444, 3453 6321,  
38709970  
Fax (92-21) 3453 6330, 34860830  
Email [info@textileasia.com.pk](mailto:info@textileasia.com.pk)

# KHANTEX International

*The Art of Textiles*

House 1183, Street 1, Sector G-9/2  
Islamabad, Pakistan  
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Cell: +92-300-9766099  
+92-313-5558866  
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**BUSI** 1958



# Première Vision Launches A New Event In The Chinese Market

Première Vision announces the launch of a new event in China in November 2020, a side-by-side show in the heart of Fashion Source, one of the leading textile and fashion trade shows in Asia, which takes place twice a year in Shenzhen.

This new event will bring together a creative range of materials – yarns, fabrics, accessories, leathers, textile designs – from a broad selection of Asian and European producers.

The event will enable the group to establish a position in China in this market that - looking beyond the current health situation - is expected to become the world's largest in terms of clothing and luxury goods as of 2025. Première Vision's intention is to help companies develop their activity in this major fashion market, which is rapidly growing more sophisticated and upscale,

particularly in southern China, which is seeing an extremely rapid development of industry players.

Première Vision has had a local presence in China since 2004 through a promotional office and events held in Shanghai and Beijing, allowing it to develop an expertise in the Chinese fashion sector and its specific characteristics. It is now partnering with Fashion Source, which since 2018 has been a subsidiary of the GL events group, to introduce a high-quality and complementary offer, along with its unique knowhow regarding fashion forecasts and information.

## About FASHION SOURCE

Founded in 2001, and dedicated to materials and manufacturers as well as clothing and accessories brands, Fashion Source brings together the entire Chinese fashion industry. The leading

apparel sourcing trade fair in the south of the country, it welcomes at each of its editions (in May and November) more than 1,500 exhibitors and 50,000 visitors from some 20 Asian, European and American countries.

Its location in the heart of the city of Shenzhen has contributed to its rapid expansion, driven by the long history of the region's textile and fashion industry, technological developments, and its proximity to Hong Kong and Canton.

The show is organized by GL events Pengcheng Exhibition (Shenzhen) Co, Ltd, which has been controlled since 2018 by the event specialist GL events, alongside the historic management team. As a reminder, GL events is a co-shareholder of Première Vision alongside the Première Vision Association.

# Fairyland for Fashion 10-13.2.2020, Le Bourget, Paris

Breathing, but also abnegation in front of a nature that's becoming inspiring again... These are the Texworld Paris trends themes, which will animate the spring-summer 2021 creations.

The artistic directors of Texworld

Paris, Louis Gérin et Grégory Lamaud, deliver once again this year the outlines of spring-summer 2021 fashion. Developed as an inspirational notebook – materials and colors – the Setback Trendbook irrigates the Trends Forum space located in the heart

of Fairyland for Fashion. This is also a starting point for 2021 creations, which draws its source from the heart of a challenged nature, but which has become all-powerful again, through 4 major movements : breathing, contemplation, abnegation and

TEXTILMASCHINEN

**Thies**

Thies GmbH & Co. KG  
Herr Thomas Michalski  
Borkener Strasse 155  
48653 Coesfeld Deutschland

Phone: +49 2541 733414  
Fax: +49 2541 733299  
TMichalski@ThiesTextilmaschinen.de

evolution...

**Respiration:** the right level of oxygen necessary for life. A thin layer of atmosphere in the middle of vacuum and cold space. Life is on probation. Ready to start up again. Ready to die. On stand-by while waiting for our next move. We are also ready. Immobility is no longer an option regardless of the outcome of our next decisions. We will have to restore the balance of this precarious miracle, even if it means withdrawing from the equation. ... »

**Abnégation:** We stopped to breathe. We opened our eyes to contemplate. Freed of our mortuary ambitions, we finally look with humility... So we make an act of contrition. We tidy up, hide, make the traces of our civilizations disappear. We have once again become craftsmen of the universe. No longer seeking to avoid our role. To take its place, take on its work, for the good of all. We make ourselves very small. Almost invisible. Fetal... »

**Contemplation:** We have breathed, now we must be inspired. Life has been there for nearly four billion years. Perfect. Balanced. Beautiful, quite simply. You have to contemplate to understand. We have analyzed its machinery and mechanisms to replace them. We were on the wrong track. If we look closely, it is its beauty and perfection that strikes us...

**Évolution:** The vision of tomorrow. Away from utopias. No human fireworks. Rainbow of colors. Sober and functional. An environment of humility. Where the human exists, but discreetly. Where it finds its place once again. One of many. The fundamental elements have regained prominence. Biological engineering is the new inspiration.

The Trends Forum of the fair will be divided into 4 large distinct areas, in order to provide the most concrete reflection of these inspirations. Each area will illustrate one of these 4 major creative themes for 2021. A fifth area, structured around an unifying Sustainable theme, will serve as an introduction and provide perspective from the entrance of Hall 4.

The Trendbook Source covers all of The Fairyland for Fashion shows. It can be downloaded for free by following this link: <https://texworld-paris.fr.messefrankfurt.com/paris/en/programme-events/trends.html>

Providing maximum convenience for visitors, Apparel Sourcing Paris, Avantex Paris, Leatherworld Paris, Shawls&Scarves Paris, Texworld Paris and Texworld Denim Paris belong to the cluster of related trade shows organised by Messe Frankfurt France, held in one and the same location, on the same dates and where entry is free

upon presentation of professional credentials. All details about textile trade shows organised by Messe Frankfurt throughout the world can be found at the new platform: [www.texpertisenetwork.messefrankfurt.com](http://www.texpertisenetwork.messefrankfurt.com)

### Background information on Messe Frankfurt

Messe Frankfurt is the world's largest trade fair, congress and event organiser with its own exhibition grounds. With more than 2,600\* employees at 30 locations, the company generates annual sales of around €733\* million. We have close ties with our industry sectors and serve our customers' business interests efficiently within the framework of our Fairs & Events, Locations and Services business fields. One of the Group's key USPs is its closely knit global sales network, which extends throughout the world. Our comprehensive range of services – both onsite and online – ensures that customers worldwide enjoy consistently high quality and flexibility when planning, organising and running their events. The wide range of services includes renting exhibition grounds, trade fair construction and marketing, personnel and food services. Headquartered in Frankfurt am Main, the company is owned by the City of Frankfurt (60 percent) and the State of Hesse (40 percent).

**TRÜTZSCHLER**

Textilmaschinenfabrik  
Düvenstraße 82-92  
D-41199 Mönchengladbach,  
Postfach 41 01 64  
D-41241 Mönchengladbach

+49 2166 607 0  
+49 2166 607 405  
[info@truetzschler.de](mailto:info@truetzschler.de)



# Sustainability and high value: the issues of the future dominated at Heimtextil 2020

*The 50th edition of Heimtextil provided strong stimulus for the new furnishings season. 63,000 visitors came to get information on the major issues for the international sector from 2,952 exhibitors at the world's leading trade fair for home and contract textiles. And among them, sustainability was the all-pervading major theme, outshining all others.*

Sustainability was a central thread that ran through the entire event at Heimtextil 2020. Extensive activities and informative displays demonstrated how material processes are changing all over the world, with a view to improving the environment, and how social responsibility in respect of the people employed in the industry is growing. Even if the figures still do not add up, and preparedness of consumers to spend more money for environmentally friendly textiles is still in its infancy, supply and demand at the world's largest trade fair for home and contract textiles were larger than ever before.

Durability and a second life are beginning to manifest themselves in products. "The re-think is really only just beginning," says Martin

Auerbach, General Manager of the Association of the German Home Textile Industry (Verband der Deutschen Heimtextilien-Industrie e.V.), "because to actually get to the circular economy, we must think and act with the entire value creation chain in mind. And moreover: up to now the product was the most important thing in the development phase. To achieve the transition to the circular economy, we need to formulate things the other way around.

So, the questions become: What would the product that is optimised for economic circularity look like? How can we then achieve the required functionalities? And finally: How will manufacturers be able to differentiate themselves from the competition in the marketplace with their products?"

## Long-term thinking has a future

As far as the visitors were concerned, the considerable interest in sustainable concepts was also in evidence in the newly instituted 'Future Materials Library' in the 'Trend Space' in Hall 3.0. The Library offered some exciting insights into innovations in sustainably produced textiles.

The section on 'Natural Assets' drew attention to some hitherto unused natural treasures in the form of algae and stinging nettles, as did 'Living Materials' to cultured materials from a mesh of growing fungal fibres and 'Biological Byproducts' to agricultural resources in the form of orange peel and agave leaves. Then again 'Remade' demonstrated the potential for re-use inherent in textile waste material.

All things are possible – the unifying concept is 'diversity'. The question of trends for 2020 is, it seems, not at all easy to answer. The age of fixed stylistic currents, determined in advance, is over. Mass taste no longer exists. It is all about diversity.

This was given impressive and abundant expression in the lavishly staged Trend Space in Hall 3.0, with no fewer than 1,000 exhibits: the giant dome for the 'Luxury Heritage' theme, the half-pipe for 'Active Urban', the gigantic pouffe in a mix of materials representing 'Multi Local', the enfolding shelter of the tent for 'Pure Spiritual', the dynamic pole-dance scenario for 'Maximum Glam' and the



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Swiss Textile Testing Institute  
Gotthardstrasse 61, P.O. Box 2156, 8027  
Zurich, Switzerland

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E-Mail [zuerich@testex.com](mailto:zuerich@testex.com)  
Web [www.testex.com](http://www.testex.com)

giant blow-up figure as a popular feature for all concerned.

The display for the topic 'Where I belong' illustrated that identity is formed as a result of many experiences. And these, in turn, have something to do with the way one furnishes one's environment and what one likes. It is all about inclusion, getting together, chatting. The single main aim: a sense of well-being. And it is about using textiles in interior designs to create a cosy, pleasant atmosphere. And that may well look different for each of us.

### Function, diversity and networking in the contract business

Diversity also constituted the overarching theme of the lectures in relation to Interior.Architecture.Hospitality, a range of products and specialist services intended specifically for interior architects and hotel planners. The 'Interior.Architecture.Hospitality LECTURES' were offered in collaboration with AIT Dialog and hotelforum. The lecture topics dealt with an extremely broad range of social and cultural challenges: urban living, short-term accommodation, as well as cultural and media landscapes.

And the guided tours, too, were very well received by the trade visitors. Partners from the sector, including AIT-Dialog, AHGZ, arcade, architektur international, bdia and World Architects, took the participants of the 'Interior.

Architecture.Hospitality TOURS' to exhibitors, carefully selected to fit in with the relevant topics. "The tours are very valuable and a great help, because many people are initially overwhelmed by the abundance of products and services at Heimtextil.

On top of that, they offer participants something more personal and an individual view," explains Jutta Werner from the nomad office in Hamburg, who took people through the halls on behalf of World Architects. "It was very clear that interconnection, transparency, innovation and recycling of materials were the major issues that concerned many – both companies and creatives."

The appeal for visitors of the commercial and contract textiles in the new 'Interior.Architecture.Hospitality LIBRARY' lay, above all, in their functional qualities. The textile materials library, which was on display for the first time, demonstrated the spectrum of modern functional textiles by means of a carefully curated selection of Heimtextil exhibits.

These included 'Sensation', a flame-retardant velvet (Edmund Bell), as well as Solarflex, a twill with sound-absorbing properties (A House of Happiness – Royal Vriesco), 'Vogue', a water-repellent, textured wallpaper (Omexco) and 'Soft Basic', a hard-wearing velvet, (Gebr. Munzert).

The trend towards a sustainable

value creation chain also impacts significantly on contract business. That was clear from the exhibitors in the 'Interior.Architecture.Hospitality EXPO'.

The Expo, held in Hall 4.2, showcased a selection of textile products and furnishing solutions for commercial and contract situations. Exhibiting there, too, were Féline, a start-up from the Netherlands with sustainable and highly flexible acoustic solutions made from wool felt. With their product, which goes by the name of 'minimal art collection', this newcomer to the market promptly won the coveted 'Heimtextil Trendscouting by AIT' award: "Many customers are unaware of just how damaging to the environment traditional felt manufacture is," explains Renske Vogel, Founder and Managing Partner of Féline.

"We did a lot of research before we started and took our time over the development. Now, with our Féline Fresco Collection, we can offer a genuinely sustainable and very modern alternative."

Initially, some 50 interior architects, planners and hotel specialists nominated the leading trend setters from amongst the exhibits at Heimtextil for the 'Heimtextil Trendscouting by AIT' award. On the second day of the trade fair, a distinguished jury of experts finally chose the 'Heimtextil Trendscouting by AIT' winner and three special mentions (the flax-based



wallpaper by Norafin Industries / Extra Organic, the OceanSafe principle and the Square LED from Marburger Tapetenfabrik).

### The new consumers are what make the difference

Companies are increasingly coming to see the sustainability issue as an opportunity. Even the number of the companies attending Heimtextil 2020 with sustainable operations was, at 259, higher than ever before.

All these exhibitors had signed up for the Green Directory and its certification. Sustainable production and sustainable company behaviours are becoming a constant and reveal themselves in numerous areas at Heimtextil: self-adhesive decorative and functional films, designed to give furniture and walls a 'second life' (Konrad Hornschuch), the use of compostable materials (Alonso Mercader), traditional wovens from upcycled yarn (The Aviary Studio), one hundred percent recyclable wallcoverings, coupled with decorative and FSC-certificated ones with gleaming digital prints (Komar Products).

The Spanish firm of Antex launched its sustainable products as long ago as 2007, but demand has increased in the last two to three years: "The new consumer is what is making the difference."

### Ecological production

The future of the textile industry, which has a huge impact on

the environment, was also abundantly in evidence in the 'Textile Technology' section. That sustainability can be combined with further development is clear in the early, technical stages. Alongside automation, it is digitalisation, above all, that offers so many new possibilities.

That includes printing machines, which not only reduce consumption of energy and water, but are also quicker and work with water-based inks containing eco-certified pigments (KIIAN Digital/JK Group). Supersoluble, intensely pigmented dyes for digital printing save up to 35 percent energy per kilo of fabric and up to 30 litres of water, because washing and steaming processes are omitted (Itaca Textile). A new paper for transfer printing that, because of a special coating, requires no preparation or secondary treatment, makes for both speed and improved print quality (Neenah Coldenhove).

### Individuality through flexibility

There has never been such variety on offer as there is today. Most collections are designed to be sufficiently adaptable to realise individual furnishing wishes.

Lampshades can be covered in fabric of all sorts and kinds (Dannells), the colour of Wetcare products can be changed to create any and every desired effect (Pintail International), wallcoverings metamorphose into unique one-off designs for

the walls (Feathr Oy and Welter Manufaktur für Wandunikate), the choice of prints and jacquards for upholstered furniture is growing (B&B Fabrics).

The trend for flexibility was to be seen in both smaller and larger scale items, and as a cultural mix, with motifs from India, Japan and Africa (S. Gramage Hogar). The open interpretations that collections were susceptible of, the mixture of colours, fabrics, prints and embroidery, open a new pathway to lighterhearted and more opulent interior furnishings (Sanderson –

Caspian/Style Library).

### Maximalism increases in popularity

From a new upsurge in grandeur, luxury and splendour, there emerge a number of highly expressive images, that have spread across wallcoverings and upholstery fabrics. Jungle motifs are eye catchers in every respect (Parato, Safeco); so too are modern representations of flora and fauna (Clarke & Clarke, Gardisette), exotic animals (Nooteboom Textiel, Pintail International), animal prints (Castilla Textil), insects (Safeco), peonies and parrots (Alfred Apelt).

Maximalism also dominated the 'Window & Interior Decoration' section, with a bold, electric mix of designs. More textiles, more decoration, more wallcoverings, more humour – anything and



**ACMATEX CORPORATION (PVT) LTD.**

10-J, Block-6, P.E.C.H.S., Karachi 75400, Sindh, Pakistan

Phone: 9221-4540777 / 4540775 / 4540776

Fax: 9221-4538262

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everything seems possible.

DecoTeam deliberately set out to achieve a real sensation with an extraordinarily striking flowered wallpaper, creating a quite different look. The showy effect of the enlarged design in the design for the wall, with its Middle Eastern allusions, was a planned contrast to the more modest tranquillity of the plain fabrics from Castilla Textil.

The greatly enlarged floral wallcoverings from B&B Fabrics provide a real statement for a hotel lounge setting. Huge floral patterns on soundabsorbing textured wallpaper (Adawall Wallpaper Factory) were just as

impressive as the extensive views of gardens in bloom, displayed on the wall hangings from Nooteboom Textiel. Textiles Joyper caught people's attention with their tiger motif, enlarged by 300 percent.

Then again, the life-size bullfight scenes, realised as digital prints, was the flagship product for Artica Textile (4.1). Above all, the extremely large, floral printed patterns on curtain fabrics, (Comersan), on wallpapers (Ohpopsi) and rugs (Essenza Home) made it clear that strong motifs and statement colours have a future.

### Tired of grey furniture

Beyond the large patterns, colour returns to the landscape of the

living room. "Colour is back" was also DecoTeam's motto, who, with their 'Colourful' theme, promulgated some intense colours. With gold, copper, ruby, amethyst and intense, dark greens and blues, such as petrol, an elegant world of colour emerged – in stark contrast to the minimalistic colour palette of Scandinavian mood boards in light or muted wood tones, natural shades and earthy colours.

An imaginatively papered wall, cushions and pouffes in contrasting colours, all daringly arranged – colour brings movement into living rooms and has, perhaps, even got the potential to challenge the supremacy of the grey-in-grey of upholstered accessories and seating (SIC Global Textile). Greys are softened with pink, light blue and turquoise. Above all, saturated shades of yellow form a bridge from natural or neutral tones to a greater use of colour.

The sources of inspiration for the second decade are reminiscent of the golden 20s, a hundred years ago. Magnificent wallpapers with Jugendstil designs (Morris & Co/Style Library) or peacock-eye motifs (Nooteboom Textiel, Sanderson – Caspian/Style Library), the elegant resplendence of metal (Komar Products) or elegant textured patterns (Grandeco Wallfashion Group), fabrics with glittering sequins (Verhees Textiles) and cords with a matt sheen (Tassel & Trim) tempt us to indulge ourselves and enthuse over times gone by.

A golden yellow adds a touch of luxury.

Key to the impression of luxury, however, are velvet fabrics, on which the new colours really come into their own. (Ashley Wilde Group).

### Taken from the world of fashion – decorative and artistic

The recourse to glamorous ages past also brings to interiors patterns for curtains and furniture that range from the bold to the playful and are taken from the world of fashion (Pala Suni Deri). Patterns and motifs emerge, that also find application in the fashion, furnishing and lifestyle markets (Pattern Hive, Studio Bodhi). Rooms are dressed in the manner of haute couture (Karin Sajo/Grandeco Wallfashion Group). Original artwork (Sooshichacha) or sophisticated, woven fabric images are used for cushions and curtains (Woven Art Company).

The patterning's artistic side comes to the fore. Cushions with abstract faces in the style of Picasso (Alfred Apelt, Gardisette) are also part of this current and convey a touch of artistic sophistication. In addition, we find prints for wallpaper that use water colour techniques (Eijffinger) and are even created as unique pieces in cooperation with artists (Feathr Oy).



Savio Macchine Tessili SpA  
via Udine, 105 - 33170 Pordenone / Italy

Phone +39 0434 3971  
Fax +39 0434 397656  
mail: mail@saviospa.it



# Innovation and sustainability are What's new in cotton™ at première vision



Sustainability and innovation will be the focus at Cotton Council International's (CCI) upcoming WHAT'S NEW IN COTTON™ booth in Hall 6, C53 at Première Vision in Paris, France, on February 11-13.

"U.S. cotton's sustainability and innovation are WHAT'S NEW IN COTTON™ right now," CCI Executive Director Bruce Atherley said. "At Première Vision we will present innovative technologies utilizing U.S. cotton, designed to inspire the textile industry, such as innovative traceability solutions and a sustainable alternative to traditional stretch fabrics."

Regarding sustainability, Atherley said that CCI will introduce the new U.S. Cotton Trust Protocol, a program that provides U.S.

cotton farmers a voluntary way to formally document and communicate common elements of best management practices – a significant step that further shows that U.S. cotton is shrinking its environmental footprint.

"The Trust Protocol will provide U.S. cotton's customers the confidence that they are sourcing, spinning and selling sustainably-produced U.S. cotton," he said. "Through the collection of robust data, the Trust Protocol will remove risk by giving U.S. cotton's customers the evidence they need to demonstrate progress toward the United Nations Sustainable Development Goals and other sustainability pledges – making the Trust Protocol the right choice for today and tomorrow."

Visit the COTTON USA™ booth at Première Vision to learn more about U.S. cotton's sustainability and the innovative ways U.S. cotton can be used to boost your business.

Première Vision Paris is the global event for fashion professionals. For three days, two times a year, at Paris-Nord Villepinte, the six major industries supplying materials and services to the global fashion industry, including: Yarns, Fabrics, Leather, Designs, Accessories and Manufacturing – come together in Paris.

## US producers to plant 13 million cotton acres in 2020: NCC

US cotton producers will plant 13 million cotton acres this spring, down 5.5 per cent from 2019 (based on USDA's February 2020 estimate), according to the National Cotton Council's (NCC) 39th annual early season planting intentions survey. NCC helps industry segments to compete profitably in the raw cotton, oilseeds, and US manufactured products market.

Upland cotton intentions are 12.8 million acres, down 5.6 per cent from 2019, while extra-



British Textile Machinery Association  
City Heliport  
Liverpool Road  
Eccles, Manchester  
M30 7RU United Kingdom

T: +44 (0)161 775 5740  
F: +44 (0)161 775 5485  
E: [btma@btma.org.uk](mailto:btma@btma.org.uk)  
[www.btma.org.uk](http://www.btma.org.uk)

# KHANTEX International

*The Art of Textiles*

House 1183, Street 1, Sector G-9/2  
Islamabad, Pakistan

Tel: +92-51-2855125

Cell: +92-300-9766099

+92-313-5558866

Email: khantexintl@gmail.com

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## Headquarters

c/Hondures, 48-52  
08027 Barcelona  
T (+34) 93 408 38 09  
F (+34) 93 408 40 23  
eas@escarre.com

## Brasil

Daniel Imhof, 12 (Sala 02)  
Bairro São Pedro  
88351-160 Brusque SC  
T (+55) 47 3355 5155  
tecnoeas@escarre.com

## Perú

Av. Paseo de La República 2300  
Block A Dpto.201  
San Eugenio Lince · Lima  
T (+511) 987760750  
eas-peru@escarre.com

[www.escarre.com](http://www.escarre.com)



long staple (ELS) intentions of 224,000 acres represent a 2.7 per cent decline. The survey results were announced at the recently held NCC's 2020 annual meeting in New Orleans, Louisiana, according to a press release.

The NCC questionnaire, mailed in mid-December 2019 to producers across the 17-state Cotton Belt, asked producers for the number of acres devoted to cotton and other crops in 2019 and the acres planned for the coming season. Survey responses were collected through mid-January 2020.

Southeast respondents indicate a 9.3 per cent decrease in the region's upland area to 2.7 million acres. All states in the Southeast show a decline in acreage. In Alabama, the survey responses indicate a 4.9 per cent decrease in cotton acreage. In Florida, respondents indicated slightly less cotton due to a shift to corn. In Georgia, cotton acreage is expected to decline by 11.9 per cent as growers expect to plant more corn and peanuts. In North Carolina, an 8.4 per cent decline is expected. In South Carolina, cotton acreage is expected to decline by 10.7 per cent while acreage of corn and soybeans is expected to increase. Cotton acreage is expected to decline by 3.6 per cent in Virginia.

Mid-South growers intend to plant 2.2 million acres, a decline of 6.5 per cent from the previous year. Across the region, all states intend to decrease cotton acreage.

Arkansas producers intend to plant 3.0 per cent less cotton acreage and increase corn acres. Louisiana producers expect to plant 6.4 per cent less cotton acreage in 2020 and plant more corn and soybeans. In Mississippi, cotton acreage is expected to decrease by 8.9 per cent due to a shift to corn and soybeans. Missouri growers expect to decrease cotton acres by 2.1 per cent and plant more corn. In Tennessee, cotton acreage is expected to decline by 11.8 per cent as land shifts to corn and soybeans.

Southwest growers intend to plant 7.6 million cotton acres, a 3.4 per cent decline. Increases in cotton area are expected in Kansas and Oklahoma, while a decrease is expected in Texas. In Kansas, producers intend to plant 5.1 per cent more cotton acres and reduce corn and soybean acreage. In Oklahoma, a 3.3 per cent increase in cotton acreage is expected. Texas acreage is expected to decline by 4.2 per cent while corn and wheat acreage is expected to increase. Far West producers

are expecting to plant 221,000 upland cotton acres – a 20.5 per cent decrease from 2019. Cotton acreage is expected to decrease in Arizona and California and increase slightly in New Mexico.

At current prices, many producers could continue to face difficult economic conditions in 2020. Production costs remain high, and unless producers have good yields, current prices may not be enough to cover all production expenses. NCC delegates were reminded the expectations are a snapshot of intentions based on market conditions at survey time with actual plantings influenced by changing market conditions/ weather.

## Adidas tops Cotton Ranking 2020 for sustainable cotton

Adidas has taken the top slot in the Cotton Ranking 2020 published by three non-governmental organisations (NGOs—UK-based



**Mayer & Cie.**  
GmbH & Co. KG  
Emil-Mayer-Strasse 10  
D-72461 Albstadt

P.O. Box 201580, D-72438 Albstadt  
Phone: +49 (0)7432 700-0  
Fax: +49 (0)7432 700-362  
Email: info(at)Mayercie.com



Pesticide Action Network (PAN), the Netherlands-based Solidaridad Network and World Wide Fund for Nature (WWF). It has become a global leader in sourcing sustainable cotton from the 6th place it held in the last ranking.

The brand now sources all its cotton from sustainable sources. IKEA ranks second, followed by the H&M Group in the third place. The ranking is based on research conducted and compiled by independent consultancy Aidenvironment.

The latest ranking reveals significant progress by big brands toward more sustainable cotton and the growing divide between companies that take their responsibilities seriously and the many laggard companies that do not, according to a press release from Solidaridad.

While 21 per cent of global cotton production is now more sustainable, only 5 per cent of global production is actively bought as sustainable by retailers and brands. The rest has to be sold as conventional cotton because not enough of the big brands explicitly shop for more sustainable cotton.

Isabelle Roger, global cotton programme manager of Solidaridad Network says: "Shockingly, three quarters of sustainable cotton is still sold as conventional cotton. Farmer groups end up selling the majority of their more sustainable produce as conventional cotton due

to lack of demand. If the failing brands took their responsibilities seriously, this wouldn't be an issue."

Progress has been exemplified by companies like Bestseller (Jack&Jones, Vera Moda, ONLY) and Decathlon, which in 2017 were ranked as 'starting the journey' but are now 'leading the way', thanks to the sharp increase in their uptake of sustainable cotton. Almost all companies who made public commitments have made substantial improvements.

The number of companies lagging behind is largely unchanged since 2017. Around one-third of companies, including global names like Amazon, Footlocker, Giorgio Armani and Forever 21, scored zero in the ranking, despite increasing global concerns about worsening water scarcity, pollution, land degradation and loss of biodiversity.

"The ranking reveals that there is a small but growing group of frontrunners who are leading the way toward a more sustainable cotton sector, with their commitment over the last few years paying off. The report gives plenty of evidence that public commitments lead to results, however many companies have still not taken the necessary steps. CEOs of these laggard companies must change course and make time-bound commitments to use more sustainable cotton" said Alexis Morgan, WWF Global Water Stewardship Lead.

The report also reveals that for the first time more than half of ranked companies now have commitments to use sustainable cotton, but the three NGOs express concern that overall companies are not achieving as much as they should.

Eleven big brands, including Nike, H&M and C&A Group, have committed to sourcing cent per cent of their cotton from more sustainable sources by the end of this year.

## Cotton Incorporated sponsors AATCC C2C student competition

Cotton Incorporated's CottonWorks programme is sponsoring the 2020 AATCC Concept 2 Consumer (C2C) student merchandising competition. CottonWorks is the leading textile resource for professionals and emerging professionals in the apparel and textile industry. AATCC is a leading not-for-profit association serving textile professionals since 1921.

This year's competition theme is 'Everlasting Style'. Students will develop a business model, determine a marketing strategy, and create merchandising tools and products for an integrated apparel line for office/work attire that is timeless in terms of sustainability, quality, and style. The students are also asked to watch and read educational



resources so they can describe why their line is sustainable and why the highlighted AATCC test method is important to their product line, according to AATCC.

The topic of this year's student competition is a natural fit for cotton as it is a natural fibre that can be utilised in high-quality, stylish workwear. Students can find a wide array of factual information on cotton sustainability and quality from industry experts at CottonWorks website.

To further encourage students to use the CottonWorks resource, Cotton Incorporated would like to inspire students to incorporate 75 per cent or more of cotton in their apparel line. In addition to the prizes, AATCC is offering an additional award of US\$500 for winning entries that choose to incorporate 75 per cent or more of cotton in their apparel line.

Team entries will divide the prize among all members. The first winner will earn \$1350, the second winner will earn \$850, and the third place will earn \$300. Entries are due April 22, 2020. Competition guidelines are available on the AATCC website. Winners of the AATCC competition will be announced by May 31, 2020.

## Coronavirus halts Indian cotton export to China

Coronavirus is not only about a massive health scare, but it is also dampening businesses across the world. Around 2,50,000 bales of cotton export from India to China has been temporarily on hold. However, Indian cotton exporters expect the situation to be a momentary roadblock and not affect the total amount of exports anticipated for the current season.

Last month, Indian exporters had signed a deal for exporting 700,000-800,000 bales of cotton to China, of which 400,000 bales are already exported, according to a newswire. The order for the remaining bales may get cancelled if the virus outbreak continues for few more weeks.

Going by the price point of the cotton bales in India, traders are hopeful of finding alternate buyers in case exports to China get completely halted. It is because cotton prices in India are currently at a lower level of ₹39,500-40,000 per candy of 356 kg compared to international market price of ₹46,000 per candy. Bangladesh, Taiwan, Vietnam and Indonesia can be prospective buyers of Indian cotton.

Most Chinese firms scale back operations or close for long periods around the Lunar New Year holidays, which began on January 24 this year. But China's government has extended the holidays, announced widespread transport restrictions and told many businesses to stay closed longer to limit the spread of the virus, according to Chinese media reports. Things are still not clear about when the workers will be able to resume work in factories.

Meanwhile, shipment delays could impact the local cotton prices which might force Cotton Corporation of India (CCI) to intensify procurements from farmers and ensure that the domestic prices remain above the





minimum support price.

Cotton plays an important part in the Indian economy. The country is the second largest producer of cotton, a prime raw material for the textile industry.

## BCI welcomes over 210 members in 2019 2<sup>nd</sup> half

The Better Cotton Initiative (BCI) welcomed more than 210 new members across its membership categories in the second half of 2019. The new members included 32 retailers and brands from 13 countries, 179 suppliers and manufacturers and three civil society organisations, including the Indira Priya Darsini Women's Welfare Association from India.

The Indian organisation addresses women's empowerment, sustainable agriculture, child labour, skill development and training.

The other two civil society organisations are the Sustainability Innovation Advocacy Foundation Pakistan, an organisation of researchers, scientists and policy scholars committed to sustainable development, and the Pakistan Rural Workers Social Welfare Organisation, which seeks to improve the socio-economic conditions of disadvantaged, vulnerable and rural communities.

BCI works with members across the cotton supply chain and beyond to ensure there is continuous demand and supply of Better Cotton – cotton produced by licensed BCI Farmers in line with the Better Cotton Principles and Criteria. At the end of 2019, BCI had welcomed more than 400 new members across its membership categories, closing the year with a total of 1,842 members. BCI was also joined by a number of retailers and brands, including Acturus Capital SL (El Ganso),

Amazon Services, AS Colour, Biniaraix Manufacturing SLU (Camper), Capri S.r.L, Centrale d'Achats Kidiliz, Debenhams, Decjuba, Drykorn Modevertriebs GMBH & Co., Factory X, General Pants Co, Hawes and Curtis, House of Anita Dongre Limited, Hunkemöller, Indicode Jeans and J Barbour and Sons Ltd. Sixty six new retailers and brands joined BCI in 2019.

The total uptake of Better Cotton by BCI Retailer and Brand Members in 2019 surpassed 1.5 million metric tonnes, a record for BCI, according to a press release from the organisation.

In addition to new retailers, new supplier and manufacturer members joined from 26 countries, including Bangladesh, Belgium, Egypt, Malaysia, Moldova, Netherlands, Peru, Thailand and Vietnam.

## BCI members set records in Better Cotton sourcing in 2019

In 2019, 150 of the world's recognised retailers and brands collectively sourced more than 1.5 million metric tonnes of cotton as 'Better Cotton', enough cotton to make approximately 1.5 billion pairs of jeans. All the Better Cotton Initiative (BCI) members have sent a clear signal to the market that there is increasing demand for sustainably grown cotton.



Uptake of Better Cotton, cotton produced by licensed BCI farmers in line with the Better Cotton principles and criteria, increased by 40 per cent on the previous year. The volume sourced by BCI's 150 retailer and brand members in 2019 represents 6 per cent of global cotton production. By increasing sourcing commitments year-on-year and integrating Better Cotton into their sustainable sourcing strategies, BCI retailer and brand members are driving demand for more sustainable cotton production worldwide, according to a BCI press release. "While physical Better Cotton is not traceable to the end-product, what matters is that the funds channelled through BCI end up contributing to farmer training and expanding the network of cotton farmers who are improving their livelihoods, while protecting and restoring the environment.

Decathlon has a target to source 100 per cent more sustainable cotton by 2020 – this is a combination of Better Cotton together with organic and recycled cotton. This commitment

has generated a high level of motivation internally at Decathlon. The BCI team has also always been supportive of our journey, listening to our needs and quickly responding to any challenges we met," Nagy Bensid, director yarns and fibres, Decathlon said.

BCI's demand-driven funding model means that retailer and brand sourcing of Better Cotton directly translates into increased investment in training for cotton farmers on more sustainable practices. For example, in the 2018-19 cotton season, retailer, and brand members, public donors (DFAT) and IDH (the Sustainable Trade Initiative) contributed more than €11 million to field-level projects, enabling more than 1.3 million cotton farmers in China, India, Pakistan, Turkey, Tajikistan, and Mozambique to receive support, capacity building, and training.

BCI supplier and manufacturer members also play a crucial role in increasing uptake as they bridge the gap between Better Cotton supply and demand. In 2019, suppliers

and manufacturers sourced more than two million metric tonnes of cotton as Better Cotton, ensuring that there was enough supply available to meet retailers' needs. The retailers and brands, cotton traders and spinners who sourced the largest volumes of Better Cotton in 2019 will be revealed in the 2019 Better Cotton Leaderboard, launching at the 2020 Global Cotton Sustainability Conference in June 2020.

## 6 Kenyan counties to grow Bt cotton after cabinet nod

Farmers in six Kenyan counties have been allowed to plant transgenic (Bt) cotton as the country moves to ramp up local raw material supply lines for export processing zone (EPZ) manufacturers, enabling them to do away with imported semi-finished fabrics in export production, according to industrialisation principal secretary Francis Owino.

The trial cultivation of Bt cotton is under way in Busia, Baringo, Tana River, Kirinyaga, Makueni and Meru counties. Once approved by the cabinet, cultivation of the variety will guarantee a steady supply of raw materials to textile manufacturers, Owino was quoted as saying by a Kenyan newspaper while touring New Rivatex recently.



BRÜCKNER Trockentechnik GmbH & Co. KG  
Benzstrasse 8-10 / Postfach 11 54  
71229 Leonberg / 71201 Leonberg  
GERMANY

Fon: +49-(0)7152/12-0, Fax: +49-(0)7152/12-9254  
mail@brueckner-tm.de  
www.brueckner-tm.de

# Popular all-in-one garments feature 3XDRY® textile technology from schoeller®

Today's consumers demand versatility in their apparel, whether they're shopping for work, sports or leisure wear. Work wear is no longer just about style, and sports and leisure wear is no longer just about stretch, while the demands for high-performance textiles in every category continue to increase. More and more consumer brands are looking to Schoeller's established technologies to deliver not only beautiful fabrics that offer comfort and style but also breathability and the best in water and dirt repellence to their customers.

3XDRY® finishing technology from schoeller® allows the exterior of a textile to be water repellent, while the inside absorbs moisture and quickly distributes it over the surface. As a result, textiles with 3XDRY® dry much faster in comparison to conventional textiles. Since the launch of 3XDRY® in 2001, the technology has proven performance focused mostly on sportswear. Now that demands within the fashion industry are also trending toward performance textiles, more of its apparel brands are also turning to the patented 3XDRY® technology's reliability and versatility for functional jackets, pants and shirts.

- Canadian brand Kit and Ace continues to feature 3XDRY® in jackets and commuter pants:

Water repellent Navigator Excursion Jacket and Navigator Commute Pant are designed with functionality and versatility in mind and make the transition from bike to boardroom seamless.

- Pinnacle outdoor brand Arcteryx continues using 3XDRY® in its functional commuter pants:

Combining dynamic performance with city styling, the A2B Commuter Pant easily transitions from bike to workplace. Comfortable and casual, the Devis Pant uses a cotton blend stretch fabric that is stain resistant, repels water and wicks moisture.

- Aspirational adventure brand Vollebak trusts in 3XDRY® in the field of functional shirts: Planet Earth Shirt is water and dirt repellent, bacteria resistant and fast drying, it's built from advanced high-performance materials that stretch and breathe like sports gear.

- Manual Outfitters relies on schoeller® textiles with 3XDRY® for its All-In Performance Dress Shirt that offers 4-way stretch comfort, blocks sweat stains and repels liquids throughout a

long work day. While functional offerings from apparel companies in varying categories begin to overlap more and more, end users benefit from garments with greater versatility. Favorite pieces that are higher quality and more durable can be worn for a longer period of time and contribute to a careful and sustainable use of textiles and garments.

## Schoeller Textil AG

Bahnhofstrasse 17, 9475 Sevelen/Schweiz, Phone: +41 81 786 08 00, Fax: +41 81 786 08 10, [presse@schoeller-textiles.com](mailto:presse@schoeller-textiles.com)

## About Schoeller

Founded in 1868 with headquarters in Switzerland, Schoeller Textil AG is a global leader in high-performance textile manufacturing specializing in the sustainable development and production of innovative textiles and textile technologies. As a system supplier of solution-oriented products, Schoeller addresses specific customer requirements and supplies its customers and partners with tangible added value. Schoeller Technologies AG is a subsidiary of Schoeller Textil AG and was founded in 2000 as a global licensing company.



Itema S.p.A.  
Via Cav. Gianni Radici 4  
24020 Colzate (BG), Italy

Tel +39 035 728 2111  
Fax +39 035 740 505  
[www.itemagroup.com](http://www.itemagroup.com)



# AANDRITZ successfully starts up high-speed spunlace line supplied to Novita, Poland



GRAZ, JANUARY 28, 2020. International technology Group ANDRITZ has successfully started up a new neXline eXcelle spunlace line at Novita, based in Zielona Gora, Poland. The line is dedicated to the production of a wide range of spunlace fabrics from 30 to 100 gsm and even down to 25 gsm for ultralight products, allowing Novita to enter the hygiene and medical markets with a total installed capacity of nearly 3,000 kg/h.

ANDRITZ has supplied its high-performance web forming system with two TT cards, its well-known hydroentanglement unit JetlaceEssentiel including the neXecodry energy saving system, water filtration and retreatment systems, and one neXdry double-drum through-air dryer. The complete spunlace line was commissioned very quickly, and the line reached 250 m/min after only a few weeks. Training sessions with ANDRITZ experts then enabled the Novita technicians to operate the line at a stable pace of 300 m/min.

## ANDRITZ GROUP

ANDRITZ is an international technology group providing plants, systems, equipment, and services for various industries. The

company is one of the technology and global market leaders in the hydropower business, the pulp and paper industry, the metal working and steel industries, and in solid/liquid separation in the municipal and industrial segments. Other important fields of business are animal feed and biomass pelleting, as well as automation, where ANDRITZ offers a wide range of innovative products and services in the IIoT (Industrial Internet of Things) sector under the brand name of Metris.

In addition, the company is active in power generation (steam boiler plants, biomass power plants, recovery boilers, and gasification plants) and environmental technology (flue gas and exhaust gas cleaning plants) and offers equipment for the production of nonwovens, dissolving pulp, and panelboard, as well as recycling plants.

ANDRITZ stands for passion, partnership, perspectives and versatility – core values to which the company is committed. The listed Group is headquartered in Graz, Austria. With almost 170 years of experience, approximately 29,700 employees, and more than 280 locations in over 40 countries worldwide, ANDRITZ

is a reliable and competent partner and helps its customers to achieve their corporate and sustainability goals.

## NOVITA S.A.

Novita S.A., headquartered in Zielona Góra (Poland), is a leading manufacturer of nonwovens with over 40 years of experience, offering products with unique colors and patterns. Novita's production lines provide customers with innovative, nonwoven crosslapped spunlace as well as needlepunch solutions. The wide range of Novita products is used in the industrial and household wiping applications as well as the medical, hygiene, construction and footwear sectors.

Since 2016, Novita S.A. has been a member of the VaporJet Group. The mother company, VaporJet Ltd., is a producer of spunlace nonwovens manufactured on four high-speed lines, serving different industries on a global scale and with decades of experience.

The newly commissioned, state-of-the-art line at the Novita site expands the company's portfolio and strengthens the Group's position worldwide, offering highest quality products and customer service.



Reiners + Fürst GmbH u. Co. KG  
Mr. Benjamin Reiners  
Leibnizstr. 85  
41061 Mönchengladbach  
Germany

Tel.: + 49 (0) 2161 934-0  
Fax: + 49 (0) 2161 834555  
travellers@rundf.de  
www.reinersfuerst.com

# Flexible pumps for a flexible material

*Remscheid, February 13, 2020 – the versatile product polyurethane (PUR) is conquering ever more areas of modern life – automobiles, furniture, shoes, medical technology and packaging. However, processing it is extremely complex and demands tailored solutions for the respective applications. Here, the Oerlikon Barmag precision metering pumps fulfill the very highest demands of the chemical industry – from highly-accurate metering all the way through to greater durability and superior efficiency. Visitors to the Polyurethanex trade fair (Pavilion 1, Stand 1A03), being held in Moscow between April 21 and 23, 2020, will now also be able to convince themselves.*

As soft foams, PUR in car seats, furniture upholstery and footwear and, as rigid foams, in insulation materials for buildings and cooling units. Vehicle manufacturers use it to produce composite components, while virtually every industry deploys cast PUR elastomers to create cushioning elements, rollers and many other items. This flexible material harbors huge potential and industrial competition is correspondingly dynamic: in demand are tailored PUR processing solutions for highly-efficient, rapid response and, above all, environmentally-friendly mass production.

## Numerous PUR applications with the GM and GA series

Oerlikon Barmag has been catering to the growing requirements with its gear metering pumps for many decades now. At the Moscow trade fair, the Remscheid-based company will be presenting its GM and GA ranges, along with the corresponding components for the most diverse applications.

These pumps also reliably master the most demanding processes in the chemicals, plastics and paints and lacquers industries. They are characterized by low-pulsation feeding of the conveying medium, which promotes more accurate metering.

High-speed pumping despite poor lubrication One of the greatest challenges here is the highly-accurate metering of poorly-lubricating and abrasive media. The high-speed metering pump

was developed especially for this: “It is beneficial above all in cases of chemical manufacturing processes that focus on aggressive acids”, emphasizes Thorsten Wagener, the sales expert responsible for industrial and chemical application pumps.

The main advantage of this high-speed pump is its sealed product space. The space that comes into contact with the media is therefore limited to the area around the gears. This extends the lifespan of the pump considerably.

Furthermore, the enlarged speed range (30 - 500 rpm) permits a large application range for which several pumps of varying sizes have had to be used to date. This cuts back on conversion times, while simultaneously reducing spare parts inventories. The compact pump (ø65mm) also reduces the space required



Loepfe Brothers Ltd.  
CH-8623 Wetzikon/Switzerland  
P.O. Box 582

Phone +41 43 488 11 11  
Fax, +41 43 488 11 03  
E-mail: [info@loepfe.com](mailto:info@loepfe.com)  
<http://www.loepfe.com>



for installation and promises considerably less wear on the machine as a result of its low weight of 1.4 kg.

### GM pumps for challenging applications under high pressure

The square design from the proven GM series is the standard pump for many metering tasks. The development of this multi-stage pump expands the applications range for the GM series considerably. In contrast, the round, two-stage GM pump was developed especially for use under high pressure and in the most challenging conditions. It is able to convey small throughputs with low viscosities (for instance, 250 bar, 100 mPas).

Here, the pump caters to conveying volumes of between 0.05 and 20 cm<sup>3</sup>/rev. This permits higher volumetric degrees of efficiency or a greater usable speed range. The pump is superbly suited to manufacturing PUR molded parts, foam slab stock, refrigeration unit insulations and sandwich panels, for example.

### GA series for high viscosities

Oerlikon Barmag developed the GA range for the challenging conveying of high-viscosity media. This range offers manufacturing companies the possibility of designing their products and processes more efficiently. The GA series pumps are available for

conveying volumes of between 1.25 and 30 cm<sup>3</sup>/rev (0.6-144 l/h). They have been designed for pressures of up to 200 bar, for viscosities of up to 1,500 Pas as well as for temperatures of up to max. 225°C. With these, Oerlikon Barmag offers its customers tailor-made solutions for many technical processes requiring high-precision and even metering.

### The drum pump – conveying and metering without interim stop

The drum pump has been designed specifically for conveying and metering high-viscosity materials, such as adhesives, silicones – from drums and other large containers and for pressures of up to 250 bar, among others. Not only can it remove high-viscosity materials from the drum, it can also meter the medium directly without any additional interim stops. Gear pump and drum follower plate are aligned to each other so that

the plate can effortlessly reach the bottom of the container, hence leaving a very low residue of less than 1%. This lowers materials costs and has a positive impact of the manufacturing process. The metering, which to date has been carried out in two steps requiring scoop-piston and metering pumps, is merged in into a single unit in the case of the drum pump. This is always carried out in close agreement with the customer. “Our solutions are always precisely tailored to customers’ requirements”, emphasizes Thorsten Wagener.

### Focus on carpet yarns

*Remscheid, January 30, 2020 – the Oerlikon Manmade Fibers segment will be presenting itself at the Egy Stitch & Tex 2020 – being held in Cairo between March 5 and 8, 2020 – with a clear focus on the needs of the African market. The Oerlikon*



*Barmag and Oerlikon Neumag experts will also be showcasing the comprehensive product and service portfolio of the world market leader for manmade fiber systems at the stand of Oerlikon's representative ATAG Export & Import in Hall 1, Stand B2.*

The spotlight of the Oerlikon Manmade Fibers segment's trade fair attendance will be on two core technologies: the new generation of Oerlikon Barmag eAFK Evo texturing machines is to be unveiled within the African market for the very first time.

It promises higher speeds and productivity with consistently high product quality, along with lower energy consumption and simpler operation vis-à-vis comparable market solutions. In particular, the numerous value-added features include two that convince with cutting-edge technology: the optimized, innovative EvoHeater and the EvoCooler, a completely newly-developed active cooling unit.

The second technology focus offers new opportunities for the Egyptian market and the Middle Eastern markets in particular: with Oerlikon Neumag's BCF S8 monocolour and tricolor system, the segment will be unveiling its new carpet yarn production flagship. Superlative spinning speeds, up to 700 individual filaments, finer titers of up to 2.5 dpf – the performance data and technological finesse of the new

system have already made a huge impression at numerous trade fairs and roadshows over the past year.

The tricolor's core component is the new, patent-pending Color Pop Compacting unit (CPC-T) for even more flexible and more even color separation.

With the CPC-T, individually-controllable air pressures for each color provide pre-tangling, which accentuates the colors and hence makes more

than 200,000 different shades possible. Whereas it has been very difficult to manufacture strongly color-separated or color-accentuated BCF yarns from polyamide 6 to date, this will in future be possible thanks to the CPC-T system. As a result of the new design, the CPC-T is now also suitable for processes with low yarn tensions.

### **Expanded product offering for manufacturing carpet yarns**

Know-how covering all relevant technologies deployed in manmade fiber spinning plants enables Oerlikon – as the world's only manufacturer – to expand its range of products and services for making carpet yarns. The POY- and texturing-based system concept is designed for a carpet and home textiles segment that demands particularly soft and bulky polyester yarns with BCF-like properties.

Here, the aim is to produce yarns with titers of max. 1300dtex and typically more than 1,000 filaments, with typical products including, for example, 1300dtex f1152, 660dtex f1152 and 990dtex f768. The machine concept comprises the well-known WINGS HD POY winder, along with the eAFK Big-V texturing machine.







## Rieter gets new contracts from Cotton & Textiles Holding

Rieter and the Cotton & Textiles Holding company have signed additional contracts related to the modernisation programme for the Egyptian textile industry, during the recently held Swiss-Egyptian Investment Forum in Cairo, Egypt. Rieter is the world's leading supplier of systems for short-staple fibre spinning, based in Winterthur, Switzerland.

In the presence of Hisham Tawfik, minister of the public sector of the

Egyptian Government, and Swiss federal councillor Guy Parmelin, head of the federal department of economic affairs, education and research, the contracts had been signed by Ahmed Moustafa, chairman of the Cotton & Textiles Holding company, and Norbert Klapper, chief executive officer of Rieter, according to Rieter.

The total volume of the contracts sums up to around 210 million Swiss Francs, includ-

ing the contracts which had been signed at ITMA 2019 in Barcelona and which represent a volume of around 180 million Swiss Francs. Rieter expects the full amount of orders to be booked as order intake in the first half year of 2020. So far, 165 million Swiss Francs have been booked.

"The next step of the programme we agreed upon today underlines the strong partnership between the Cotton & Textiles Holding

# oerlikon

Oerlikon Textile GmbH & Co. KG  
Leverkuser Str. 65  
42897 Remscheid  
Deutschland

Tel.: (+49 2191) 67-0  
E-Mail: [info.textile@oerlikon.com](mailto:info.textile@oerlikon.com)  
<http://www.oerlikontextile.com>

company and Rieter. I would like to thank our Egyptian partners for the confidence they continue to place with Rieter. We will do our best to support the Cotton & Textiles Holding company in making the modernisation programme a success,” Klapper said.

### Further Orders from Egypt

- Contracts for additional projects signed in Cairo
- Order volume is around 30 million Swiss francs
- Order intake in the first half year of 2020 expected

At the Swiss-Egyptian Investment Forum which took place today in Cairo (Egypt), the Cotton & Textiles Holding Company and Rieter signed additional contracts

related to the modernization program for the Egyptian textile industry.

In the presence of H.E. Hisham Tawfik, Minister of the Public Sector of the Egyptian Government, and Swiss Federal Councilor Guy Parmelin, Head of the Federal Department of Economic Affairs, Education and Research, the contracts had been signed by Dr. Ahmed Moustafa, Chairman of the Cotton & Textiles Holding Company, and Dr. Norbert Klapper, Chief Executive Officer of Rieter.

The total volume of the contracts sums up to around 210 million Swiss Francs, including the contracts which had been signed at ITMA 2019 in Barcelona and which represent a volume of

around 180 million Swiss Francs.

Rieter expects the full amount of orders to be booked as order intake in the first half year of 2020. So far, 165 million Swiss Francs have been booked.

Dr. Klapper was very pleased at the signing ceremony: “The next step of the program we agreed upon today underlines the strong partnership between the Cotton & Textiles Holding Company and Rieter. I would like to thank our Egyptian partners for the confidence they continue to place with Rieter. We will do our best to support the Cotton & Textiles Holding Company in making the modernization program a success.”



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Via Busto Arsizio, 120 - Lonate Pozzolo (Va)

Tel: +39.0331.302.994 - Fax: +39.0331.302.968

ferraro@ferraro.it

www.ferraro.it







## Cabling in pole position with the new CableCorder CC5 at Tire Technology Expo 2020

Experts from the tire industry will meet again in 2020 for the annual Tire Technology Expo in Hanover, Germany. Saurer Twisting Solutions is looking forward to welcoming customers and visitors at Booth 4006 in Hall 20 from 25 to 27 February 2020 and to presenting the innovative CableCorder CC5. With a complete package of numerous innovations, the CC5 once again demonstrates its technological leadership and the associated customer benefits.

The Saurer CableCorder for the production of high-quality tire cord is a permanent fixture in the tire industry. The fifth generation of the CableCorder will appeal to customers with its numerous innovations. It provides Saurer's customers with decisive competitive advantages: they benefit from

lower energy consumption, a smart spindle concept, modern quality monitoring, improved ergonomics, flexible automation solutions and the integration of the CableCorder into Senses, the Saurer mill management system.

Energy, productivity, quality Saurer has further improved the patented energy-saving technology of the latest machine generation with new hardware and optimised software. The CableCorder CC5 is therefore more economical than ever. The optimised thread balloon diameter and reduced spindle gauge cut down space requirements and increase productivity. Online monitoring of the quality parameters reliably ensures the required quality of the tire cord.

User-friendly and intelligently automated New machine

components and an optimum yarn path enable high operation comfort and process reliability. Intelligent automation solutions increase the efficiency of package transport thanks to the use of modern automated guided vehicle (AGV) technology. The loading of the machine, removal of the completed take-up packages as well as the supply of the downstream weaving creels are supported by automation technology.

In addition to the basic CC5 version, the new CableCorder is also available in the CC5-TFO version for production of yarns in the two-for-one twisting process and as the CC5-3PLY version for production of symmetrical 3-ply tire cord. The Saurer exhibition team is looking forward to welcoming customers and visitors at the Tire Technology Expo and



**ANDRITZ Küsters  
GmbH Germany**

Eduard-Küstners-Str. 1, 47805  
Krefeld Germany.  
Tel: +49 (2151) 34 0  
Email: [kuesters@andritz.com](mailto:kuesters@andritz.com)



to informing them personally about the advantages of our CableCorder CC5.

### About Saurer Group

Saurer Group is a leading globally operating technology group focusing on machinery and components for yarn processing. As a company with a long tradition, Saurer has always been a leader in innovation. Today, Saurer comprises the two segments Saurer Spinning Solutions and Saurer Technologies.

Saurer Spinning Solutions offers high quality, technologically advanced and customer-specific automation solutions for processing staple fibre from bale to yarn. Saurer Technologies specialises in twisting and embroidery as well as engineered and polymer solutions. With annual sales revenues of EUR 1 175 million, 4 700 employees, and locations in Switzerland, Germany, Turkey, Brazil, Mexico, the USA, China, India and Singapore, the strongly growing group is well positioned to serve the world's textile industry centres. Saurer is listed on the Shanghai Stock Exchange (securities code: 600545).

### With Automation Solutions, Saurer takes next step toward automated factories

*Textile companies are facing increasingly complex challenges:*

*higher labour costs and employee turnover rates, not to mention the need to automate material flow, reduce lead times and boost productivity. Furthermore, companies increasingly require comprehensive automation solutions due to greater demands on yarn quality and ease of use as well as the trend towards large and heavy packages.*

Saurer already has 30 years of experience in planning and installation of transport systems, especially between roving frames and ring-spinning machines. The company has successfully implemented over 100 systems worldwide.

The new product line Saurer Automation Solutions serves as customers' expert engineering partner for integrated automation solutions across the entire textile value chain. It consists of specially designed automation elements that the project engineering team combines into tailored system solutions that are seamlessly integrated into customers' processes. Thanks to these solutions, Saurer is meeting the growing demand for cost-effective automation of spinning and further processing in staple fibre spinning and twisting mills as well as in filament yarn processing.

Comprehensive data management with innovative quality functions has become indispensable along the entire textile value chain.

With Senses, the digital mill management system from Saurer, customers can consolidate and analyse company-wide production, quality and performance data, even for machines from other manufacturers.

### Saurer Automation Solutions offer tailor-made automation solutions in the following areas:

**Staple fibre spinning and twisting:** can transport using automated guided vehicles, transport systems for roving bobbins, palletising systems, conditioning, packaging, transport systems for cross-wound packages from the winding/spinning machine to the yarn warehouse.

### PRESS RELEASE Saurer Technologies

Filament twisting and cabling: transfer of feed packages with loading units on rail systems for BCF yarns and tire cord for block doffing. Removal of cross-wound twist packages using lifters/rail systems or an automated transport system to the next process step, such as automatic loading of thermosetting systems and weaving creels using robotic units.

### Project engineering:

consulting project planning and implementation of custom solutions.

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Uster Technologies AG  
Sonnenbergstrasse 10  
CH-8610 Uster  
Switzerland

Phone: +41 43 366 36 36  
Fax: +41 43 366 36 37  
info@uster.com



# KARL MAYER (CHINA) celebrates its 25<sup>th</sup> anniversary in Changzhou on 17.01.2020



On 17th January, KARL MAYER (CHINA) had reason to celebrate twice: the subsidiary of the renowned KARL MAYER Group celebrated both Chinese New Year and its 25th anniversary. The company-wide event was held in Changzhou. The entire workforce and management representatives from Germany, Hong Kong and Japan – including CEO Arno Gärtner – all took part in the festivities.

Way back when it all began, there was a vision: a belief that China

would one day become the world's most important market, Arno Gärtner recalled when reminiscing about the early days. Building on this belief, WUJIN Textile Machinery Co Ltd was founded in 1995 as a joint venture with a Chinese partner. Just four years later, KARL MAYER acquired all of the shares in the joint venture. Together with NIPPON MAYER, the manufacturer set up KARL MAYER Textile Machinery Ltd as its own entity in Changzhou, and in 2005 formed KARL MAYER (CHINA) Ltd. A phase of continual

expansion followed. In 2008, the company moved to a new plant with a surface area of 170,000 m<sup>2</sup>. In 2011, the production of knitting machines was expanded to include the manufacture of warp preparation equipment and in the following year, production was expanded again. The latest but no less important milestone in the company's history was the establishment of KM.ON CHINA – a subsidiary of KARL MAYER's software start-up KM.ON – in June 2019.

## Suessen

Spindelfabrik Suessen GmbH  
Administration  
Donzdorfer Strasse 4  
D-73079 Süssen  
Germany

Phone: +49 (0)7162 15-0  
Fax: +49 (0)7162 15-367  
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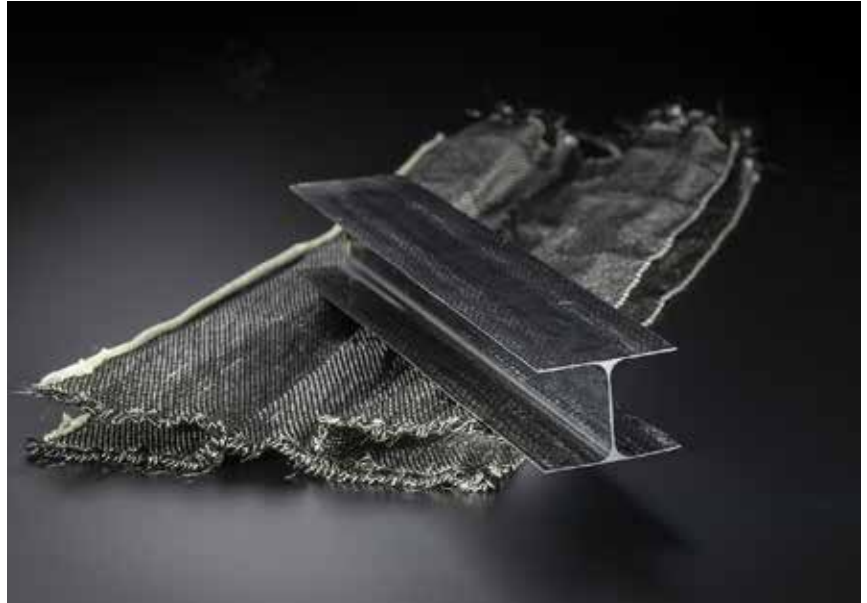
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Sede Legale: Via Bergamo, 1910 - 21042 Caronno Pertusella (VA) Italy  
tel. 02/96451976 tel. 02/96458475 fax 02/9656218 mail

[info@msitaly.com](mailto:info@msitaly.com) - [www.msitaly.com](http://www.msitaly.com)



KARL MAYER (CHINA) currently employs around 800 people in Changzhou. Following a ten-year economic boom, the company achieved the best results in its history in 2018. With its proximity to the main market – around 70% of warp-knitted textiles are produced in China – it is an important member of the Group. “There is no doubt that KARL MAYER’s success over the last 15 years is largely down to KARL MAYER (CHINA),” said Arno Gärtner at the anniversary celebrations. In order to operate at an even closer proximity to customers in the main Chinese market, the significance of the subsidiary in Changzhou will continue to grow. Over the past 10 years, an enormous capacity for textile production has been established in China. At the moment, however, China’s geopolitical situation has led to slow growth. KARL MAYER must be able to adapt flexibly to this situation. “As the market leader, we want to be the first to recognise market developments and respond with more innovative solutions offering maximum customer benefit based on buyers’ requirements”, said Arno Gärtner. In order to always be one step ahead, KARL MAYER (CHINA) will assume more responsibility for its customers and for solutions, and KM.ON’s activities will be further expanded.



**Biancalani**  
TEXTILE MACHINERY

Biancalani Srl

Address: via Menichetti, 28 59100  
Prato Italy  
Phone: +39 057454871  
Fax: 0574633491  
E-mail: [contacts@biancalani.com](mailto:contacts@biancalani.com)



# Picanol makes big impact at Techtextil and ITMACH in India

Picanol first entered India back in 1956 and following the growth of this hugely important market, we decided to set up our own organization in India in 2008. We are proud to offer the broadest product range on the Indian market in terms of both airjet and rapier machines.

At the Techtextil and ITMACH events, we presented our latest airjet machine – the OmniPlus-i – to our Indian customers for the very first time. The emphasis at Techtextil was on technical textiles. Following some significant R&D investments, we have become an industry leader for high-tech weaving machines in the technical textiles sector thanks to such developments as super-wide rapier machines and the new SmartShed technology.

Meanwhile, at ITMACH, the OmniPlus-i weaved a denim fabric at the highest industrial speeds. And it made quite the impression: Picanol won the award for the most innovative technical display at the event!

In addition to the main office in Delhi, Picanol also has regional offices in Mumbai and Coimbatore. In total, 35 Picanol professionals in India – that are

trained and supported by the colleagues at the head office in Ypres (Belgium) – remain fully committed to providing a high level of service to our Indian customers and further strengthening our presence in the country.

## **Picanol to exhibit at ITME Africa 2020 (February 14-16, 2020)**

Picanol will be participating in the ITME Africa 2020 textile machinery exhibition which will take place from February 14-16, 2020. This event will be staged at the Millennium Hall, Addis Ababa, Ethiopia. The event is organized by the India ITME Society in partnership with the Ethiopian Chamber of Commerce and Sectoral Associations. Picanol is well-structured to guide our Ethiopian customers on the path to a promising future in the textile sector. This is because we have proven ourselves time and again in many different scenarios, and we also possess considerable experience in the African markets. To find out more, please visit us at booth N° E39.

The aim behind ITME Africa 2020 is for this event to become the focal point and catalyst for economic

growth, employment generation, and technology upgrading – not only in Ethiopia, but also in many other African countries. With a population of over 100 million, 93% of whom are aged under 55, Ethiopia has recorded impressive average annual growth figures of 11% over the last 12 years. The country is home to the most cost-effective, environmentally-friendly hydroelectric power supplies in the world, it features very competitive labor costs, and it offers huge potential for organic cotton cultivation. Last but not least, Ethiopia has free trade agreements with both the EU and US. This explains why the country is increasingly attracting the attention of the textile world.

Upgrading the textile Industry in these new industrial countries certainly needs special attention, not only to determine the right technology but also by providing all services around: such as consultancy during the project study, the installation itself, the training at all levels. Having all these products, services and specific expertise, Picanol is very well positioned to further support the industrial development in Ethiopia and the African market and to “grow together” with its



**Terrot GmbH**  
Paul-Grüner-Str. 72b  
09120 Chemnitz  
Germany

Phone: +49 (371) 5201 -0  
Fax: +49 (371) 5201 -200  
info@terrot.de





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A. Monforts Textilmaschinen GmbH & Co. KG  
Blumenberger Str. 143 - 145  
41061 Mönchengladbach  
Deutschland

Tel.: +49 2161 4 01-4 09  
E-Mail: [marketing@monforts.de](mailto:marketing@monforts.de)  
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# SDL Atlas Test Materials Go From Excellent To Exceptional

## Test Materials

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Test Materials have always been an important part of the SDL Atlas line of products and in order to better meet our clients' needs, in 2018 we launched a new range of ISO specification Test Materials to complement our comprehensive and successful line of American standard Test

Materials. These products were designed and are being produced to be fully compliant and of the highest quality, so our customers can have complete confidence in the quality and consistency of performance.

We are delighted to report that

our range of standardized ISO Test Materials are now being used globally by all of the largest independent testing organizations in the world. Furthermore, we are happy to announce that we continue to receive new approvals from top European retailers.



Manufactured to the highest standards and tested both internally and externally by an independent laboratory, we have been accepted by all the leading Testing Organizations as producing products which perform exactly as required; from lab to lab, test after test, batch after batch. SDL Atlas Test Materials provide confidence.

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, test materials, and services anywhere in the world.

### Product Launch: WickView Moisture Management Tester Is Now Available

We are proud to announce our latest innovation WickView, a state-of-the-art instrument that uses an advanced imaging system to track and record the transfer of moisture through fabric and other materials.

WickView Moisture Management Tester helps garment and textile manufacturers in understanding how effective their materials are at dealing with moisture and in predicting real-world wicking behaviour.

A key feature of our WickView moisture management tester is its ability to perform both

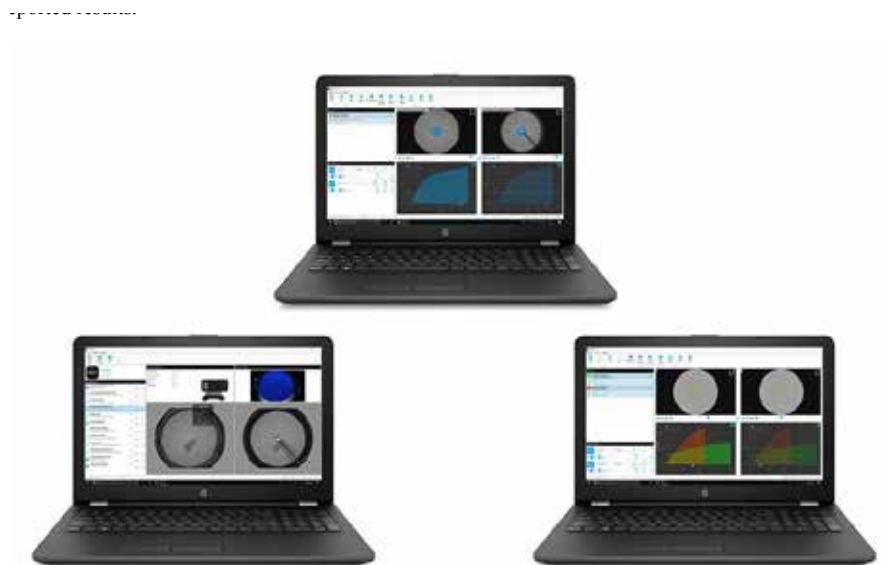
vertical and horizontal wicking testing. Being able to rotate the instrument allows testing to occur in different orientations, providing a new level of understanding into wicking behaviour. Whether for example that fabric is used in elite sportswear (predominantly vertical), or nonwovens or linens deployed on a hospital bed (predominantly horizontal). This is a huge advantage over current market solutions and offers unrivalled insight into performance.

WickView's water delivery system introduces moisture to specimens in an accurate, controlled way, regardless of whether the specimen is in horizontal or vertical position. Cutting edge high definition cameras are positioned on either side of the material specimen to record the movement of the moisture. These cameras give full visibility of the test, and

use Ultraviolet and Infrared light to give a perfect view of the test process, regardless of specimen colour or pattern.

WickView is fully supported with a new version of our intuitive TestWise software and shows the wicking process in detail, including a live video capture of the test, wet region boundary comparison and video playback of how the moisture spreads.

TestWise can calculate a range of 9 metrics including maximum wetted area, area boundary, y axis of spread and wicking speed. Outcomes can be presented visually or in graph format, and results templates can be applied to show the user information relevant to them. Analysis of results is easy with Testwise for WickView. Previous tests can be reloaded in to the software and viewed again. Several previous sample files



**Sedo-Treepoint GmbH**  
Neuwies 1  
35794 Mengerskirchen  
Germany

Tel. +49 6476 31-0  
Fax +49 6476 31 31  
Email: [sedo@sedo-treepoint.com](mailto:sedo@sedo-treepoint.com)  
Web: [www.sedo-treepoint.com](http://www.sedo-treepoint.com)



can be compared on screen both visually and in reported results.

Neil Pryke, Innovation Director commented: “At James Heal we are constantly innovating, searching for ways to lead the field and constantly enhance our testing methods to deliver solutions for textile professionals. WickView is the latest innovation in our precision testing instrument range, and has already had a great reception with all of the top brands that have seen it in action. We have already received several pre-orders.

WickView calculates and records results providing the user with an accurate representation of real life, in comparison to existing available testing methods. By examining the direction, shape, speed and actual wet area of fabric, WickView is accurately measuring how sweat and other liquids behave when in contact with a specimen.”

New mobile app uses visualization tools to take the guesswork out of color selection

Montvale, NJ – January 29, 2020 – Benjamin Moore®, North America’s favorite paint, color and coatings brand, today announced the launch of its newest color tools, the Benjamin Moore Color Portfolio™ app and integrated Benjamin Moore ColorReader device. Designed to enhance and simplify the color selection process, the Color Portfolio app in conjunction with the Benjamin

Moore branded ColorReader device by Datacolor, make expert grade tools available for professionals on mobile devices.

“As a leading color authority, Benjamin Moore is committed to providing its customers with innovative tools and resources like the Color Portfolio app and ColorReader device that enable them to work more efficiently,” said Andrea Magno, Benjamin Moore Director of Color Marketing and Development. “From providing professional users with immediate visuals for clients to helping homeowners feel confident in their color choices, this innovative technology provides instant results and removes some of the guesswork from the color selection process.” Compatible with iOS® and Android™, the Color Portfolio app supplements physical color tools using augmented reality to enable users to harness the power of Benjamin Moore colors when on the go. Color Portfolio features virtual fan decks, accurate photo and video visualizers and renderings that use innovative technology to apply Benjamin Moore color to surfaces in real-time, allowing users to “try on” colors, save selections and share images instantly.

A global leader in color management solutions and color science technology, Datacolor produces the Benjamin Moore ColorReader device. When the ColorReader is connected to the Color Portfolio app, users can

immediately and accurately color match interior and exterior flat surfaces and materials to more than 3,500 Benjamin Moore colors. Simply place the ColorReader device on the desired flat surface to take a color measurement and the app will display the three closest paint color matches.

### About Benjamin Moore

Founded in 1883, Benjamin Moore is North America’s favorite paint, color and coatings brand. A leading manufacturer of premium quality residential and commercial coatings, Benjamin Moore maintains a relentless commitment to innovation and sustainable manufacturing practices. The portfolio spans the brand’s flagship paint lines including Aura®, Regal® Select, CENTURY®, Ultra Spec®, Natura® and ben®.

### About Datacolor

Datacolor, a global leader in color management solutions, provides software, instruments and services to ensure 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 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,



**FERRARO S.P.A.**  
Via Busto Arsizio, 120 - Lonate Pozzolo (Va)  
Tel: +39.0331.302.994 - Fax: +39.0331.302.968  
ferraro@ferraro.it  
www.ferraro.it





paint and coatings, automotive and plastics as well as photography, design and videography.

## X-Rite and Pantone Announce Expanded Color and Appearance Seminar Series in North America

X-Rite expands popular color theory and management seminar to include dedicated sessions for both manufacturing and print and packaging professionals.

GRAND RAPIDS, Mich., February 17, 2020 – X-Rite Incorporated, a global leader in color science and technology, and its subsidiary Pantone LLC, today announced its 2020 Fundamentals of Color and Appearance Training Seminar with 11 locations throughout North America.

This popular two-day seminar is ideal for color specifiers, quality control professionals, lab technicians and anyone in manufacturing that evaluates or approves color. New this year are dedicated training sessions specifically designed for print and packaging professionals interested in measurement-based process control.

“Achieving color accuracy within a production process and across a complex supply chain begins with a foundation in color and appearance theory,” said Mike Soriano, Director of Global Services X-Rite and Pantone. “Whether you are new to color or looking for industry

specific information, we have a seminar that can help.

Our team of application engineers brings a mix of practical information and technical expertise to help you streamline color communication, improve measurement accuracy, and produce consistent color.”

### Trainings for Brands, Manufacturers, and Suppliers

The Fundamentals of Color and Appearance Training Series is presented by X-Rite and Pantone Color Experts and incorporates color management experience and best practices. Attendees can register for either the full two-day seminar or one of the individual sessions:

Fundamentals of Color and Appearance (FOCA) training provides foundational elements of color theory and appearance science including innovative ways to evaluate appearance characteristics like gloss and texture.

Fundamentals of Instrumentation and Quality Control (FIQC) is a hands-on workshop where attendees use X-Rite spectrophotometers, light booths, and software to create color standards, develop appropriate color tolerances, measure samples against target colors, and analyze the results.

The Fundamentals Series for manufacturers commences on February 19 in Nashville, TN. Other locations include Seattle, WA; Indianapolis, IN; Washington, DC; Orlando, FL; Clemson, SC; Columbus, OH; New York, NY; Schaumburg, IL; Irvine, CA; and Grand Rapids, MI.

### NEW Training for Print and Packaging

The new Fundamentals of Print and Packaging Series is for anyone in a print environment that wants to learn how to shorten make-ready time, lower consumable costs and increase ROI with color management equipment. Attendees can register for either the two-day seminar or one of the individual sessions:

Going Beyond Density is designed to help print and packaging professionals achieve optimal process control on offset press by going beyond the density of solid inks to measuring spectral data.

Print Process Control is a hands-on workshop that reviews the print process and examines how to use the latest spectrophotometers and software for process improvements. Attendees gain an understanding of process control best practices, the key concepts of the G7 methodology, and spot color management from Pantone.



J. Zimmer Maschinenbau GmbH  
Screen & Coating Systems  
9020 Klagenfurt, Ebentalerstraße 133  
AUSTRIA

Phone: +43.463.3848-0  
Fax: +43.463.3848-283  
E-Mail: sales@zimmer-austria.com

The Fundamentals of Print and Packaging Series commences on April 15 in Clemson, SC. Other locations include Columbus, OH and Grand Rapids, MI.

### About X-Rite

Founded in 1958, X-Rite Incorporated is a global leader in the science and technology of color and appearance. With

Pantone, X-Rite employs more than 800 people in 11 countries. The company's corporate headquarters are located in Grand Rapids, Mich., with regional headquarters in Europe and Asia and service centers across Europe, the Middle East, Asia, and the Americas.

X-Rite offers a full range of solutions used by manufacturers,

retailers, printers, photographers and graphic design houses to achieve precise management and communication of color and appearance throughout their processes. X-Rite products and services are recognized standards in the printing, packaging, photography, graphic design, video, automotive, paints, plastics, textiles and medical industries.

## Operating costs: a vital factor in investment decisions

Textile mills need to calculate more than the immediate benefits, says Sivakumar Narayanan, Executive Vice President Uster Technologies

When market demand is relatively low, textile mills have to perform a balancing act, involving many delicate choices. The deployment of capital and management of personnel levels are critical, not only to current profitability but also to long-term business success when an upturn arrives. When the going gets tough, customers become more demanding, especially regarding quality and value for money, making markets ever more competitive for suppliers.

At such times, investment decisions might tend to focus on quality improvement as a key criterion. But there is often a temptation to snatch at a narrow

range of perceived benefits, for instant gains: technology upgrades, extra features and, of course, capital costs/discounts. Purchasing choices can become bogged down in these details, ignoring the wider view of clearly-defined quality advantages and the vital aspect of ongoing operational

costs.

### Yarn faults: counting the cost

A striking example can be found in the case of a potential investment in new yarn clearing equipment. Here, practical calculations show that a typical winding installation with 500 positions can generate



Ms Maria Avery  
CEMATEX  
Tel: +44 7967 477305  
Email: info@cematex.com  
cematex.com www.itma.com

Ms Daphne Poon  
ITMA Services Pte Ltd  
Tel: +65 94789543  
Email: daphnepoon@itma.com  
www.itma.com



operating costs of over USD 3.5 million over a 10-year period. This is a conservative estimate, based on the cost of splices – several millions of them – over this timescale, needed because of unacceptable yarn faults and bobbin changes when quality monitoring is not adequately controlled.

It means that the initial capital investment can actually be dwarfed by these running costs: capital expenditure on the yarn clearers would turn out to be only a small fraction of the total lifetime spend. In fact, making prudent choices can result in the mill saving up to a million dollars over this time, depending on yarn type, quality and production

conditions.

Of course, it's all too easy in a difficult trading environment, to seize an apparent bargain in terms of initial investment cost, especially where there's a product upgrade promising a quick fix for a current problem. Not all investors take this short-term view, but those which do will often have some unpleasant surprises when starting to use their equipment.

### Investments: the bigger picture

A profitable investment – as a general principle – should always focus on operational costs and savings opportunities as part of the essential 'bigger picture'. Evaluation of investments should factor in the differences

in operational costs between competing choices, instead of focusing too much on what will likely be quite small differences in the initial capital cost.

Decision-makers should evaluate operational costs and capital expenditure as two totally different aspects of a new investment. Proper assessment of operational expenditure requires a closer look. It's essential to find the real drivers of running costs and take product life-cycle into account, to calculate the savings. This is highly relevant in today's difficult market environment – but it would be no less important even in better times.

## JOINING AN INTERESTING JOURNEY LOEPFE AT ITME AFRICA 2020

Wetzikon, Switzerland, January 2020 – ITME Africa will take place for the very first time in Ethiopia on February 2020. Loepfe will be part of the Swiss Pavilion.

Africa's continuously growing textile industry offers exciting possibilities. Especially Ethiopia is not only farming its own cotton, but has also made major investments in the development of the entire textile value chain.

Textiles meeting the corresponding quality requirements are manufactured for the local market and for international trade.

Another example is South Africa which has entered the technical

textiles sector and manufactures a wide range of textiles with different requirements on technologies and quality assurance. Just the right moment to present Loepfe's comprehensive portfolio of quality control solutions to the African market: There is the new yarn clearer generation YarnMaster PRISMA which ensures optimized performance for all yarn styles. The four sensor technologies interact intelligently and ensure unprecedented fault visibility and data quality.

This unconventional new concept guarantees the perfect balance between efficiency and quality. In addition, interesting information on Loepfe's data collection and

management system MillMaster TOP 2.0 will be provided.

The quality process is conveniently managed as an integrated part of the functional scope of YarnMaster PRISMA. YarnMaster EOS will also be shown. It convinces with most reliable clearing results for the open-end spinning process.

WeftMaster FALCON-i will be of great interest for all high-tech fabric producers: Yarn quality control for latest high-tech materials such as carbon fibers, monofilaments, multi-filaments as well as spun yarns in all material compositions.

# Durst helps Aurora Graphics widen business offerings to customers



**Leatherhead, Surrey – 13.02.2020 – Aurora Graphics is stepping up to another level and widening its business offerings to customers with significant investments in new technology and software through Durst, manufacturer of advanced digital printing and production technologies.**

The Birmingham, UK-based company has purchased a Durst Rho LED 512R six-color with white production printer and taken on another nearby production unit as part of progressive expansion

where turnover is expected to grow by another 20 per cent this year alone.

The introduction of five-meter wide production will help Aurora Graphics to bolt on extra services for clients in a variety of markets in which the company already operates. Advanced software provided through Durst Professional Services will also introduce new mechanisms for ink usage control, provide unattended printing capabilities and improve workflows.

Mike Stearn, Managing Director of Aurora Graphics, said: “It’s never an easy decision with an investment of this scale, so we had to see what was available on the market. The reason we selected Durst included the build quality, productivity, versatility and the fact it’s the best offering on the market. The Rho 512R LED will complement our existing equipment and help us to continue to provide a first-class level of service to our clients and give a wider choice of products we can service to them.

**USTER®**  
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**Uster Technologies AG**  
Sonnenbergstrasse 10  
CH-8610 Uster  
Switzerland

Phone: +41 43 366 36 36  
Fax: +41 43 366 36 37  
info@uster.com



“This is another example of our commitment to investing in the best technology in the market, which will complement our existing portfolio and helps us to step up to the next level. It also reflects the ethos of a client-led company that always seeks to employ solutions-driven people who will continue to further professionalise the business. We certainly don’t want robots.”

Aurora Graphics covers a broad gamut of sectors including exhibition, POS, outdoor graphics, backlits, as well as working with some trade and print management companies.

“I envisage the introduction of the Rho 512R will lead to significant more work in the exhibition arena and outdoor graphics, plus will give us the capabilities for longer runs for quality, higher-end contracts, as well as more backlits,” said Mr Stearn. “And, of course, we’ll be able to turn round jobs far more quickly now, thanks to the fantastic productivity, as well as offer more services to clients.”

Peter Bray, Managing Director of Durst UK & Ireland, said: “Aurora Graphics is a perfect example of how forward-thinking companies are increasingly turning to Durst for technology and software that makes a tangible difference to their business. We are delighted that this, in turn, helps them provide a wider range of products and services for their own customers. It’s a win-win situation.”

## Durst restructures textile printing segment

**Dr. Stefan Kappaun, Durst Group’s new Textile Printing Segment Manager, who has responsibility for the strategic direction in home textiles, clothing and accessories**



Brixen, Italy – 20.01.2020 – Durst, manufacturer of advanced digital printing and production technologies, has restructured its segment for industrial textile printing. The new segment manager, Dr. Stefan Kappaun, has responsibility for the strategic direction in home textiles, clothing and accessories. Dr. Kappaun also will be the connecting link to the Large Format Segment, which takes over soft signage and fabrics in the portfolio.

Dr. Kappaun is a member of Durst Group’s executive team and heads the ink business for all segments as Executive Vice President Inks & Fluids. A technical chemist with a focus on polymer science and a trained business economist, he is an expert in materials science and the development and marketing

of ink systems for digital inkjet printing.

This know-how is particularly important within industrial textile printing, because, in contrast to other industries, different materials, pre- and post-treatments as well as large-scale process influences, represent a daily challenge in digital textile production. At the same time, digital textile printing is one of the largest growth markets for inkjet technologies. It is a sector being targeted by advertising media and large format providers in addition to traditional textile producers. All have different textile experiences, but are always looking for new applications and business opportunities.

With the Alpha Series, Durst offers industrial printing systems with water-based reactive, pigment and disperse inks as well as with the pixel-to-output strategy end-to-end software solutions for efficient and cost-transparent digital textile printing.

“The digital textile printing market is fragmented in itself and we see different speeds and developments worldwide,” says Dr. Kappaun. “While new, non-industry service providers often already have digital know-how but less textile experience, the traditional manufacturers are masters of textile finishing, but not all analog processing steps can be transferred directly to digital textile printing. Durst has a comprehensive ecosystem to

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Trützschler GmbH & Co. KG  
Textilmaschinenfabrik  
Duvonstr. 82 - 92  
41199 Mönchengladbach  
Deutschland

Tel.: (+49 2166) 6 07-0  
E-Mail: [info@truetzschler.de](mailto:info@truetzschler.de)  
<http://www.truetzschler.com>

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Gneuss Kunststofftechnik  
GmbH  
Moenichhusen 42  
32549 Bad Oeynhausen  
Germany

Phone: +49.5731.5307.0  
Fax: +49.5731.5307.77  
E-Mail: gneuss@gneuss.com  
web: www.gneuss.com





serve the different requirements and to support customers in the digital transformation. Our printing systems are designed for industrial productivity, but also offer profitability from the very first meter. The prerequisite for this is mastery of the pre-treatment and post-treatment steps as well as the digital workflow, in which Durst focuses on the consulting and training services in the new Customer Experience Center at the Durst headquarters in Brixen.” Dr. Stefan Kappaun succeeds Martin Winkler in his expanded role as Segment Manager Textile Printing, who will take on the role of Global Sales Manager Textile Printing in the future. The Textile Printing Team will also be supplemented by the experienced

service technician Martin Oberparleiter, as the new Junior Product Manager Textile Printing. New sales and service structures are also being implemented in the core markets.

### **Benninger expands portfolio with LAB-PRO acquisition**

Benninger AG has acquired LAB-PRO GmbH, expanding its product portfolio in growing markets. Benninger is a world leading manufacturer of technologically advanced textile finishing and tire cord machinery for the global textile, tire and conveyor belt manufacturing markets. The company offers complete solutions for all major

textile finishing processes, with special expertise in the field of continuous open width processing of woven, knitted and technical textiles with minimum resource consumption.

LAB-PRO GmbH was founded in 2003 by Thomas Widmer and Thomas Gerhard. With their excellent market and product knowledge, the entrepreneurs have succeeded in building up a complete range of world-leading technological products for discontinuous wet finishing over the past 17 years. LAB-PRO’s jet dyeing machines and jiggers are known for having the lowest water and energy consumption and lowest fabric elongation compared to competitors’ machines.



SDL Atlas Hong Kong  
Hong Kong  
3J, Garment Centre, 576 Castle Peak Road,  
Kowloon, Hong Kong

P: +852 3443 4888  
F: +852 3443 4999  
E: [info@sdlatlas.com.cn](mailto:info@sdlatlas.com.cn)

The Benninger portfolio will be extended by technologically advanced discontinuous dyeing machines such as jet and jigger dyeing machines as well as beam dyeing and laboratory dyeing apparatus. Fully automatic chemical, salt, soda or dye dosing systems, which ensure the highest accuracy and reproducibility, complete the portfolio.

“By combining the know-how and experience of both companies, Benninger becomes the leading system supplier in the field of continuous and now also discontinuous dyeing and finishing technology,” the company says.

“By using Benninger’s worldwide sales, service and production network, LAB-PRO will be able to increase its market presence. The integration of LAB-PRO’s experience in discontinuous dyeing technology leads to a further strengthening of Benninger as a total solution provider.”

“With the leading products FabricMaster (Jet), JigMaster (Jigger) and BeamMaster (HT Beam dyeing) Benninger strengthens its strategy as a partner for all customers in the premium segment of the wet finishing industry. Mr. Widmer and Mr. Gerhard will continue to lead the company LAB-PRO as managing directors.”

Benninger AG is 100% owned by Jakob Müller Holding AG (JMH) and is a sister company of Jakob

Müller AG in Frick (JMF). JMF and its subsidiaries are exclusively active in the field of narrow fabrics machines with production sites in Switzerland, Germany, Czech Republic, Italy, India and China and sales companies in all major textiles markets.

### Dynamic Modifiers achieves highest flame retardancy with new coating

A new non-halogenated FR compound called PAL...VersaCHARTM can achieve a new level of flame retardant performance as a coating for nonwovens and technical textiles.

It is being introduced by Dynamic Modifiers, a specialty compounder focused on custom polyolefin compounds and concentrates, based in Atlanta, Georgia.

PAL...VersaCHARTM has been tested to 1,950°C – the highest to date – and shown to prevent all flaming drips of polymer. Char bodies form on the compound surface, protecting against flame creation and delaying heat transfer. Rapid self-extinguishing burn behaviour protects any underlying substrate to which it is adhered.

The compound has passed ASTM E84 (Class A) with a 15/10 rating, which includes ‘clean’ smoke generation of only 2.3% of the allowable ASTM smoke limits.

In addition, the compound is light weight, at a specific gravity of

1.0, and 100% non-toxic in every respect, being free from heavy metals, halogens and VOCs.

Other properties include excellent cold crack performance, hydrophobicity, printability, extreme chemical resistance and the ability to be custom tailored for specific needs such as UV or antimicrobial performance, as volume warrants.

The compound is also very competitively priced. In addition to its use as a coating, PAL...VersaCHARTM compound can be produced as a flexible film or sheet and moulded to shape or over-moulded to most materials, including metal for corrosion resistance. As a polymeric compound it can be cast or calendered and typical durometers from 80-99A for flexible-to-high rigid formats are practical.

Separately, an adhesive has been created which bonds to many surfaces. In internal evaluations of two laminated plies of woven carbon fibre and two plies of glass fabrics, both passed a 60 second vertical burn with no ply separation, distortion or flaming drips from the adhesive.

Dynamic Modifiers envisages many uses for PAL...VersaCHARTM, from aerospace to the protection of rigid structural materials in building interiors etc.



# Huntsman Textile Effects Partners With Xenon Arc To Form Navicolor

## Dedicated marketing channel to better serve the US market

Singapore Huntsman Textile Effects and Xenon arc today announced the formation of NaviColor, a dedicated marketing channel to service the unique needs of select customers in the United States textiles and apparel industry.

NaviColor is a business specifically designed to meet the needs of select Huntsman Textile Effects customers and to further expand the growing customer base. NaviColor features a dedicated team of professionals in a highly advanced technological environment to support customers utilizing Huntsman's Textile Effects innovative chemicals, dyes and digital inks in the United States.

"NaviColor represents a significant investment in our customer experience and will help us enhance how we deliver value to our customers," said Brook Swinston, Huntsman Textile Effects Commercial Director Americas. "Huntsman is a recognized global market leader and innovator in textile dyes, chemicals and digital inks. This approach enables us to be closer to our customers, deliver value

and react with more agility."

NaviColor is the latest deployment of Xenon arc's innovative xa-Direct model that helps the world's preeminent manufacturing companies reach, grow and more effectively service the needs of their customer base. Leveraging its domain expertise of the marketplace, combined with extensive voice of the customer research and leading-edge technology platform, the xa-Direct model delivers enhanced customer intimacy, valuable insights and improved customer service levels.

"We are excited to partner with Huntsman Textile Effects," commented Mica Zuniga, Vice President of Strategic Growth for Xenon arc. "Together, we have created a thoughtful and complete offering focused on delivering best-in-class service, and technical support to valued customers by representing Huntsman Textile Effect's market-leading products."

NaviColor will exclusively represent Huntsman Textile Effects product portfolio including:

- Dyes
- Chemical Auxiliaries

## Digital Inks

About Huntsman: Huntsman Corporation is a publicly traded global manufacturer and marketer of differentiated chemicals with 2018 revenues of approximately \$9 billion. Our chemical products number in the thousands and are sold worldwide to manufacturers serving a broad and diverse range of consumer and industrial end markets. We operate more than 75 manufacturing and R&D facilities in approximately 30 countries and employ approximately 10,000 associates within our 4 distinct business divisions. For more information about Huntsman, please visit the company's website at [www.huntsman.com](http://www.huntsman.com).

## About Huntsman Textile Effects:

Huntsman Textile Effects is the leading global provider of high quality dyes, chemicals and digital inks to the textile and related industries. With operations in more than 90 countries and seven primary manufacturing facilities in six countries (China, Germany, India, Indonesia, Mexico and Thailand), Huntsman Textile Effects is uniquely positioned to provide prompt and expert technical service



VANDEWIELE  
Michel Vandewielestraat 7  
8510 Marke  
Belgium

Tel: +32 56 24 32 11  
Email: [info@vandewiele.com](mailto:info@vandewiele.com)  
[www.vandewiele.com](http://www.vandewiele.com)

wherever our customers are based. Sustainability, innovation and collaboration are at the heart of what we do. We use cutting edge technology to develop solutions and create innovative products with intelligent effects such as durable water repellents, color fastness, sun protection or state-of-the-art dyes which reduce water and energy consumption.

22 January 2020 marked a new milestone for DyStar Pakistan (Pvt) Ltd, as they moved to a new office premise at 5th Floor, Citi Tower, 33-A, Block-6, P.E.C.H.S, Main Shakra-e-Faisal. The inauguration ceremony was honored by DyStar's Group CEO, Mr. Eric Hopmann and the Managing Director of DyStar Pakistan, Mr. Faisal Mumtaz.

"We have come a long way since 2002 when DyStar formally started in Pakistan. From a small company of 16 people with a tiny market share, DyStar is now one of the biggest textile dyes and chemical companies in the country. The journey took us 18 years, and I am glad of the achievements thus far. Moving forward, we will continue to serve the market with our innovative technologies and products," shared Mr. Faisal Mumtaz.

### Misunderstanding of BPR: It is also about "treated articles"

Seven years after the Biocidal Products Regulation (BPR) came into force, every EU country must for the first time submit a report

on compliance with the guidelines in 2020. This will bring new attention to the BPR and probably increased controls. All the more reason for manufacturers of textiles and plastic products and definitely for importers to deal with the pitfalls of the regulation.

### Equipped products are also subject to mandatory labeling.

It is not uncommon even today for people to be unaware that it is not only the biocidal products themselves, such as anti-mosquito spray, that are subject to compulsory registration and labeling. This was the case in the previous directive, the BPD. The currently valid BPR, on the other hand, stipulates that articles that have been treated with biocidal products, such as socks with anti-odor technology, door handles

treated to prevent bacterial colonization, or tents that are treated to prevent the formation of mildew, must also be labeled. They are referred to in the BPR as "treated articles".

### Watch out for the gray area!

What seems logical at first glance can be interpreted differently in practice. A survey by the Swedish Chemical Agency (KEMI) of 10 EU member states showed that there is a wide gray area. Nine of the ten EU countries surveyed agreed on only one of the products as to whether it should be classified as a biocidal product or as a treated article.

The BPR guide compiled by SANITIZED AG provides a comprehensive and easy-to-follow overview of all relevant aspects.



**KARL MAYER**  
Textilmaschinenfabrik  
GmbH

Brühlstraße 25 63179 Obertshausen  
Tel.: +49 (0)6104 402-0 +49 (0)6104 402-600  
Email: [info@karlmayer.com](mailto:info@karlmayer.com)  
Web: [www.karlmayer.com](http://www.karlmayer.com)





## Elvy Weaving gives an insight into its STeP by OEKO-TEX® certification and why it feels honoured to be certified.



*“STeP by OEKO-TEX® is not a normal certificate – its requirements are so high that it constantly gives the management new challenges to be better.”*

### What is your philosophy and strategy for sustainable production?

Our goal and responsibility is to have the best social and environmental performance regarding all production stages - to have “Sustainable Textile Production” which allows us to clearly demonstrate our commitment to sustainable production conditions along the textile chain.

### What are your reasons for becoming STeP certified?

STeP is a unique certification which covers almost everything in the textile process to make it more sustainable, so it is an honour for any factory to have this certification. It is one of the first

accreditation systems globally, and its credibility gives added value to our product through the various criteria which STeP covers.

### How does the OEKO-TEX® certification scheme help you in communicating your success in sustainable production with your stakeholders and can it help in communicating your performance and target setting with your buyers?

STeP's credibility makes communication and evaluation between suppliers and retailers much easier. STeP is now a trusted certification system which all stakeholders want to highlight in their supply chain.

### What innovative technologies are installed in your facilities to enhance efficiency, save resources, reduce consumption, encourage circularity, and reduce costs?

We have implemented various cost reduction projects, an ERP system and LED light. We are analysing water and gas consumption using sub-counters we have installed for each part of the production process.

Please cite some examples on the best practices being adopted in your facilities for better chemical management.

- Chemical training
- Creating rules for storing and transporting chemicals
- Risk assessment for chemical transportation
- Inventory of chemicals
- Labelling all chemicals with GHS

### What are the major challenges in getting your facilities STeP certified? And how did you overcome these?

At the start of our STeP certification it was difficult for the team to put



MS PRINTING SOLUTIONS SRL -  
Sede legale/operativa:  
Via Bergamo 1910 -  
21042 Caronno Pertusella (VA) - Italy

Tel. +39 02 9650169  
+39 02 96458475  
Fax +39 02 9656218



everything on the right track. Each audit helped us to become better in all areas, especially chemical management and safety. The auditing team showed us many points to improve ourselves, including documentation of our achievements.

**Does the management team see the positive changes after implementing the STeP system in your facilities in terms of people,**

**management, productivity, product quality, environmental impact and brand image?**

For our top management STeP is like a gauge we use to measure our daily improvement. For example, in our 2018 audit we achieved Level 2 with 67%. After improvement we achieved Level 3 with 83%. For chemical management we scored 97% and for social responsibility 91%.

**What are the next steps for your sustainable production journey?**

One of our goals for 2025 is to reduce current energy consumption by 25%. We plan to use solar power by in-stalling photoelectric cells and concentrate on sourcing organic / sustainable cotton (BCI).

## Heimtextil celebrates its 50th anniversary with a clear focus on sustainability



Heimtextil has never been so green! This year saw another increase in sustainable producers with 259 exhibitors listed in the Green Directory, a separate exhibitor directory for sustainable producers. TESTEX and OETI,

who were present at the OEKO-TEX® stand, were thrilled to see several of their customers proudly promoting their MADE IN GREEN by OEKO-TEX® products. Customers included Huafang of China,

Vossen of Austria, and Weseta of Switzerland. Heimtextil's effort to promote the industry's commitment to sustainability offered green pioneers a platform which included the "Green Village", "Trend Spaces" and



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a dedicated sustainability area. The United Nations was also at Heimtextil for the first time to present its Sustainable Development Goals.

Visitors to the OEKO-TEX® stand came from across the globe, with almost all enquiries

from brands and retailers being for MADE IN GREEN by OEKO-TEX®. Exhibitors had questions about STeP by OEKO-TEX®, and the journey towards achieving the MADE IN GREEN label. TESTEX was impressed by the progress that has been made towards sustainability since

last year's event. Not only are many big names placing value on textiles made of certified materials, but also distinguishing between greenwashing and genuine sustainability measures is becoming increasingly easier. Overall, an excellent start to 2020!

## Hohenstein advances textile sustainability with microfiber analysis.

BÖNNIGHEIM (aba) Hohenstein has completed the development of its new method for analysing microfibre shedding from textiles. Using dynamic image analysis, the method quantifies shedding behavior and reveals previously unattainable data with practical implications for material development throughout the supply chain.

The new method is the result of four years of research at Hohenstein, published in an article by lead scientist Jasmin Haap. The research team developed, refined and validated an analytical method that goes beyond current approaches of measuring the shedded mass to quantify fibre count, length, diameter and shape. Further analysis can reveal the distribution of these attributes and even generate separate results for cellulosic fibres (e.g. cotton) and non-cellulosic fibres

(e.g. polyester). This analysis is currently available exclusively through Hohenstein.

With this level of detail, researchers can now quantify in more detail which types of fibre and material constructions contribute most to microfibre release, leading to informed decisions in development of more sustainable textiles that shed less. Synthetic microfibres are tiny pieces of plastic released into water during mechanical stress, particularly washing.

Wastewater containing microfibres eventually flows through sewage into larger bodies of water. Along the way, synthetic microfibres attract harmful substances and pollutants from the environment, thus being able to reach sea life and entering the food chains of larger sea life and even humans.

Dynamic image analysis of wastewater is non-destructive, allowing additional tests, such as filtration, to be performed for further analysis. Filtration, the most common method to date, involves filtering the wastewater from textile laundering, then weighing the remaining particles. In November 2019, Hohenstein joined the Microfibre Consortium (TMC) as a contributing research member.

### About Hohenstein:

With over 1,000 employees in more than 40 branches, offices and laboratories worldwide, Hohenstein is an internationally oriented testing services provider and research partner in the textile industry.



Biancalani s.r.l.  
Via Menichetti, 28  
59100 Prato - Italy  
Tel. +39 057454871  
Fax +39 0574633491

E-mail [contacts@biancalani.com](mailto:contacts@biancalani.com)  
[www.biancalani.com](http://www.biancalani.com)





## Ikea's new collection celebrates beauty in imperfection

Bedding, accessories designed to be “close to nature”

Praktbräcka bedding is inspired by 18th century patterns.

Conshohocken, Pa. – A new collection launching this month at Ikea invites country and city dwellers to bring nature indoors “with a bit of greenery and a wabi-sabi attitude.”

Inspired by a Japanese aesthetic that finds beauty in imperfection and by nature, the new collection of furniture and home textiles –

all made from natural materials – “is about living a conscious and mindful lifestyle that is close to nature,” the retailer said.

The range of textiles comes in hues of green with verdant patterns and is balanced with furniture “that is good for your health, as well as the environment.

Overall, this launch is about creating peace of mind at home, by having a meaningful relationship with the objects we surround ourselves with. We take extra care of our belongings, ourselves, and

nature, knowing that we are all connected.”

Launching this month at Ikea stores nationwide as well as on the Ikea website, here are some of the line's home textiles highlights:

**Praktbräcka:** This duvet cover and matching pillowcases feature a floral pattern inspired by 18th century patterns from the historical Musée de l'Impression sur Étoffes (Museum of Printed Textiles) in France. These pieces are made from 100% cotton from more sustainable sources, and



A. Monforts Textilmaschinen GmbH & Co. KG  
Blumenberger Str. 143 - 145  
41061 Mönchengladbach  
Tel.: +49 (0) 2161 / 401 - 0

marketing@monforts.de  
www.monforts.de



are enhanced with embroidered details and fabric-covered buttons. Junimagnolia: This duvet cover and pillowcases feature a traditional floral pattern in a warm earthy tone, and are made from 100% cotton from more sustainable sources.

Puderviva: These linen duvet sets are breathable to help users maintain a comfortable, even temperature all night – especially

as summer approaches.

Rotfjäril: The whimsical butterfly-patterned cushion cover is partly made of ramie, a hardwearing natural material with a slightly irregular texture. It is made to feel soft, and durable, to feel like linen. Kärphäst: The collection's assortment of children's textiles is inspired by traditional patterns from Swedish mittens from Lovikka to evoke a

traditional Scandinavian spirit. Made from 100% cotton from more sustainable sources, the textiles feature whimsical patterns of bicycles, elephants, teddy bears and trains. The duvet cover is made of sustainably grown, and the printing technique for its graphic pattern requires less water than conventional methods.

Alpklöver: These curtains "are full of spring spirit with their



Sahianwala Road, Khurrianwala  
Faisalabad Pakistan

UAN: +92 41 111-010-111  
FAX: +92 41 4364118, 4364121  
www.sadaqatgroup.net  
E-Mail: sadaqat.limited@sadaqatgroup.net



lively pattern of green leaves.”

The Hildigard rug's performance construction is stain-resistant.

Scandinavian traditional style evokes the joy of being in Swedish forests. Alpklover:

These sheer curtains are sustainably made from a cotton-and-viscose blended material. Hildigard: This deep-green, fig leaf patterned area rug features a soft, low pile on a performance construction, making it resistant to stains.

### Utopia Goods celebrates Australia's nature

*Precious collection inspired by native fauna and flora.* Sydney, Australia – Australian home

textiles brand Utopia Goods is paying tribute to is homeland's native plants and animals as the country struggles to cope with persisting wildfires.

The company's summer 2020 collection, Precious, encompasses upscale home textiles across bedding, cushion covers, table linens and fabric as well as lifestyle accessories like robes, scarves, sarongs and makeup bags.

Inspired by Australia's unique and threatened plant and animal life, patterns include botanical interpretations of the fragrant seeded Wattle and the flowering Matchstick Banksia, among other local plants. Sophie Tatlow, who cofounded the company with her partner Bruce Slorach, told POSH Precious has been in the works for over six months.







## Lee launches biodegradable jeans

Denim brand Lee Jeans recently released a new collection of fully biodegradable jeans, except the buttons, which can be unscrewed and reused. Once a customer is done with using the pair of jeans, he can simply throw it into the compost bin or donate.

Called 'Back to Nature', the collection is made from compostable linen (cotton to flax linen ration 85:15) with no rivets.

Lee has replaced the classic waistband leather patch by a soft faux-leather material made from cellulosic fibres and acrylic polymers, known as Jacron, which is also used by the Swedish brand Nudie Jeans.

The collection features four products: the Rider jacket and jeans, with a version of each for men and women; however the female jacket has a belt and the

pair of jeans have a wide leg, according to British media reports. Rider jeans don't offer any stretch.

Back to Nature forms part of Lee Jeans' sustainability project 'For a World That Works', which includes two other campaigns including one to find alternatives to existing dyeing processes.

**Isko displays Arquas fabrics for sportswear at**

# DORNIER

Lindauer DORNIER GmbH  
Rickenbacher Str. 119, 88131 Lindau  
Deutschland

Tel.: (+49 8382) 7 03-0  
E-Mail: [webmaster@lindauerdornier.com](mailto:webmaster@lindauerdornier.com)  
<http://www.lindauerdornier.com>

## ISPO 2020

Isko presented the latest edition of Arquas, the fabrics platform set to bring about an even more responsible era, at ISPO Munich 2020, in hall C1, booth 401. The leading trade fair for sports business professionals was held from January 26-29, 2020, in Germany. Isko, the leading ingredient brand on a global level, is the first denim producer in the world.

Featuring 35 fabrics, most of which are made with certified recycled materials, Arquas 6.0 combines high-performance properties with the mill's Responsible Innovation approach – a holistic vision based on creativity, competence and citizenship that constantly defines new standards, according to Isko.

Although many of the textile concepts included in the collection may have the look and hand feel of knitted fabrics, they are all woven, thus ensuring superior durability and greater recovery. Among the many qualities that come with Arquas 6.0, moisture management, UV and wind protection, heat retention, water, and stain repellency stand out. Nylon, which is used for the first time in this edition, allows for super light woven and cozy outdoor fabrics, reversible and packable styles, as well as patented fabrics, such as 4 way-stretch Isko Blue Skin for a 360° elasticity. Finally, the collection offers super compact fabrics that are made



suitable also for fully bonded garments with body shaping and high recovery properties.

To provide trailblazing inspiration to its customers, Isko's world-class design team have created both a men's and women's garment collection based on three lifestyles – active, outdoor and club sports. Active is ideal for a wide range of sports from yoga to fitness to running. Whether participating in high-or low-impact activities, these fabrics perfectly fulfil the technical requirements of athleisure and performance-wear apparel. Outdoor fabrics stand for superior comfort, durability, water repellency and breathability, protecting the wearer from the elements of nature in any kind of setting.

From the perfect golf swing to a wild horse ride, essential features such as maximum flexibility, fit, and performance make the

Club Sports fabrics the ultimate textile concepts for the sportswear market.

## US Denim Manufacturing by Private Label Apparel lowers MOQ

US denim manufacturer and wholesaler Denim Manufacturing by Private Label Apparel has lowered the minimum order quantity (MOQ) for jeans made in USA. From December 2019 onwards, manufacturing MOQ for production in Los Angeles was lowered from 300 to 100 pieces per style/colour or wash. Customers can choose any size combination, the company announced recently.

The company, started in 2018, caters to large and small wholesale brands, providing specialised services like wholesale denim fabric, cut and sew manufacturing, full-package clothing production, design services, trim development



Donzdorfer Strasse 4, D-73079 Süssen, Germany  
Phone: +49 (0)7162 15-0  
Fax: +49 (0)7162 15-367  
E-mail: mail@suessen.com

Factory and Shipping Address  
Donzdorfer Strasse 65, D-73079  
Süssen, Germany  
E-mail: mail@suessen.com





and sample making, including patterns and tech packs, everything that can help to create their own store brand.

Customers can order patterns or samples of jeans, jackets and other denim clothing items for their fashion lines and boutiques from the company. They can also submit their own designs through techpack, photos, sketches, specs or an existing sample, according to a company press release.

To meet the increased demand for quality denim products, the company has expanded its base overseas. Currently, it has partnerships with a factory in Pakistan, which manufactures denim products for its clients. The minimum order quantity for Pakistan production remains at 50 pieces per style/colour or wash.

New trim development will continue to be done by the current vendors in

Pakistan, Turkey and China. Despite the small minimum orders, the company's Made-in-USA jeans manufacturing capacity stands at 60,000 pieces per month, while combined production stands at 500,000 pieces per month. Standard production lead time is four to six weeks.

With increased demand for USA-made clothing, the company has expanded to three factories in

Los Angeles and two local dye facilities.

## Isko launches R-TWO sustainability programme at IMPACT

Isko launched the R-TWO programme, which reduces the amount of raw materials by relying on a blend of reused cotton and recycled polyester, improving sourcing efficiency throughout the entire field-to fabric production, at the recently held IMPACT show in Paris. Isko, the leading ingredient brand on a global level, is the first denim producer in the world.

IMPACT, the eco-responsible fashion event, was dedicated to established and up-and-coming fashion professionals. The show brought together committed brands who strive to achieve positive results in environmentally responsible fashion and who endeavour to introduce the agenda and criteria to French and



SDL Atlas Hong Kong  
Hong Kong  
3J, Garment Centre, 576 Castle Peak Road,  
Kowloon, Hong Kong

P:: +852 3443 4888  
F: +852 3443 4999  
E: info@sdlatlas.com.cn



International retailers.

Isko continues to focus on reduction and efficient raw material sourcing with the recent introduction of the R-TWO programme. During the processing of raw cotton into yarn, for every 100 kilos of cotton approximately 10 per cent is lost. Isko collects it and prevents it from becoming waste, adding it back into the spinning process whilst obtaining cotton that is fully traced, documented and audited. This verification process has been invented by Isko in partnership with its yarn supplier Sanko, offering full clarity into

the traceability of reused cotton from field to fabric.

It is also certified with the Content Claim Standard, or CCS, of the Textile Exchange. Born out of the research and development department within Isko headquarters, continuous support towards new innovative fabric collections and patents are safeguarded and developed via a team of textile engineers while PhD lab researchers explore these seasonal fabric innovations, the company said in a media statement.

The R-TWO programme was

developed to keep on delivering a futuristic and innovative sustainable approach, one where Isko rethinks its sourcing strategies and refuses to source more raw materials than what is actually needed. Improving, more than ever before, the environmental performance impact of yarn to fabric production, to do better for the planet and its people.

Producing recycled polyester uses less energy than making virgin polyester and lessens the dependence on petroleum as a raw material. Both factors reduce the production's overall carbon



footprint. Depending on the percentage of certified recycled polyester used, R-TWO fabric can either be Global Recycled Standard (GRS) or Recycled Claim Standard (RCS) certified.

Isko presented the innovative new R-TWO programme and the latest ISKO X MILES JOHNSON Capsule collection. R-TWO plays a major role in the Isko SS21 fabric collections and features throughout all Isko inspirational and forward-looking denim offer. It invites guests to discover its reuse, recycle, and reduce initiative thereby reinforcing the company's commitment to environmental and social responsibility.

As part of the R-TWO programme, Isko also presented the 'Light on the Land', a visionary collection of 34 designs created by British designer, Miles Johnson in partnership with Isko. These pieces were crafted at the Creative Room in Italy, a place that specialises in the development,

design and style research where new innovative ideas are made available to the market. 'Light on the land' uses low impact materials as well as responsible finishing techniques, including minimal washing, trims made of eco-metal, natural based buttons, and labels and embroidered rivets. The garments are built to last, which simply means that the more you wear these pieces, the more beautiful they become with age. The capsule collection for both men and women includes jackets and jeans and encompasses reused cotton combined with recycled polyester.

### Sézane introduces new sustainable denim line

French brand Sézane has reimaged its denim line to be completely eco-friendly, just three years after launching its first-ever denim collection.

The new eco-friendly denim range, called Sézane (R)evolutions, has been designed to flatter every

figure, with a collection of "ten timeless styles that epitomise French allure" including two new cuts, the 'Alvin', a paperbag cut high waist design and the 'Venice' designed with a "tomboy kick".

As well as a focus on inclusive fit, Sézane has completely overhauled its production process "at every step" to create the sustainable collection, where 85 percent of materials used are from natural origins.

Key sustainable highlights of the new jeans includes using 83 percent fewer chemicals than traditional methods, as well as using a new innovative new washing method that uses the atmosphere, transformed into ozone to produce an eco-friendly bleaching effect meaning that two times less water is consumed during washing. In addition, every pair is composed of 100 percent GOTS certified organic cotton, or green, synthetic alternatives where comfort and stretch demands.







## Caterpillar Foundation Donates \$250,000 to Red Cross Relief Efforts as Australia Battles Bushfire Crisis

*In addition to the Caterpillar Foundation's donation, the company and its dealers are providing support, including equipment needs.*

DEERFIELD, Ill. – As bushfires rage across Australia, the Caterpillar Foundation, the philanthropic arm of Caterpillar Inc. (NYSE: CAT), is making a \$250,000 donation to the Australian Red Cross to aid in relief efforts. The unprecedented fires have taken lives, destroyed homes and devastated millions of acres of land and the region's wildlife.

"Our hearts go out to the people of Australia as they endure this devastating crisis," said Caterpillar Chairman and CEO Jim Umpleby. "While our

employees, dealers and customers live and work throughout Australia, the Caterpillar Foundation is making this donation to support recovery for all. The longstanding partnership between the Foundation and the Red Cross has demonstrated the organization's exceptional ability to swiftly put relief donations to work in the areas they're needed most."

In addition to this donation, the Caterpillar Foundation is also a member of the American Red Cross Annual Disaster Giving Program. This program provides a funding base that allows the Red Cross to respond immediately to the needs of individuals and families impacted by disasters.

The Foundation is also matching

employee, retiree and dealer employee gifts to the Red Cross.

"Caterpillar's assistance extends beyond the Foundation. We're grateful to our Cat dealers across the region that are providing their help and expertise in the face of the disaster," continued Umpleby.

"Their efforts include financial and product support, with in kind support of rental equipment and on-call field service for equipment used in the crisis efforts. Both Caterpillar and dealers are also providing various paid arrangements for Emergency Service employees."

In addition, Caterpillar is providing support to its customers and various government entities who are aiding in recovery



missions.

### About Caterpillar

For more than 90 years, Caterpillar Inc. has been making sustainable progress possible and driving positive change on every continent.

Customers turn to Caterpillar to help them develop infrastructure, energy and natural resource assets. With 2018 sales and revenues of \$54.722 billion, Caterpillar is the world's leading manufacturer of construction and mining equipment, diesel and natural gas

engines, industrial gas turbines and diesel-electric locomotives.

The company principally operates through its three primary segments - Construction Industries, Resource Industries and Energy & Transportation - and also provides financing and related services through its Financial Products segment.

### Condair at Data Centre World 2020

Condair is appearing at the forthcoming Data Centre World exhibition on stand D247, at the

Excel Centre in London from 11th to 12th March. The company will be displaying the latest in adiabatic and steam humidifier technology, which provides in-duct evaporative cooling and humidification to data centres.

Condair has extensive experience in working with data centre designers and air handling unit manufacturers that need to incorporate evaporative coolers or humidifiers into their systems. Previous data centre projects have involved clients such as Facebook, Microsoft, Digital Realty, Hewlett Packard, Amazon and eBay.



Verband Deutscher Maschinen- und Anlagenbau e.V.  
Lyoner Strasse 18  
60528 Frankfurt/Main  
Postfach 71 08 64, 60498 Frankfurt/Main

Telefon +49 69 6603 0  
Fax +49 69 6603-1511  
E-Mail: [boris.abadjieff@vdma.org](mailto:boris.abadjieff@vdma.org)  
Internet: <http://txm.vdma.org>



Condair's experts will be on-hand at Data Centre World to give advice on how the latest humidifier technology can reduce data centre operating costs through improved energy consumption and reduced maintenance requirements.

Products on display include the Condair ME evaporative humidifier that offers 0.68kW of adiabatic cooling to an air handling system for every 1kg of moisture evaporated into the air stream. As the humidifier can provide up to 1,440kg/hr of humidity while operating on less than 1kW, it presents significant benefits to data centres using free air cooling systems.

The technology can be employed to deliver direct or indirect evaporative cooling to facilities in warmer climates or add massive amounts of low energy humidification to data centres using cold, dry outside air in cold climates.

Alongside its market-leading in-duct evaporative system, Condair will have the Condair RS resistive steam humidifier on its stand. The Condair RS offers steam humidification to data centres

without the need to frequently replace boiling cylinders, as is the case with many on-board humidification systems supplied with CRAC units.

The humidifier has a scale management system that allows lime scale that builds up in the boiling chamber to fall into a removable tank at the base of the unit. Routine scale removal can be carried out by in-house maintenance staff in minutes, saving costs on consumables and maintenance time.

### Setting new standards in the 5m<sup>3</sup> range

A new basic body, new motors meeting European and North American exhaust regulations, a lightweight version, with polyethylene gull-wing doors, and a wide range of options, including compressed air treatment and generators for simultaneous production of compressed air and electric power: the new Mobilair M55 and M59 portable compressors have it all.

And thanks to the pXv control, large pressure ranges can be covered with one and the same

system.

With the pXy control, familiar from larger Mobilair models, the infinitely adjustable maximum pressure (p) directly influences the maximum flow rate (v).

Thanks to this flexible control system, it is equally possible to operate a breaker at a maximum pressure of 7 bar or perform sandblasting work at 10 bar. The pressure setting using the time-tested Sigma Control Smart controller is easy and convenient – like the system start-up. Where the M55 and M59 differ is in the motors and the sales territories.

The M55 is powered by a Kubota motor that meets the EPA Tier 4 emissions standard for Canada and the USA. The M59 is powered by a Hatz motor that also meets the stringent EU Emissions Stage V standard. In addition, the European M59 is available in a version weighing less than 750 kg. That permits a chassis without a service brake. The driver does not need a special trailer licence and can select a

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Factory and Shipping Address  
Donzdorfer Strasse 65, D-73079  
Süssen, Germany  
E-mail: mail@suessen.com



A. Monforts Textilmaschinen GmbH & Co. KG  
Blumenberger Str. 143 - 145  
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Bismarckstr. 102, D-72072 Tübingen  
Tel: +49 7071 154 0  
Fax +49 7071 154 290  
info@cht.com



KARL MAYER Textilmaschinenfabrik  
GmbH Brühlstr. 25  
63179 Obertshausen  
Deutschland  
Tel.: (+49 6104) 4 02-0  
E-Mail: info@karlmayer.com  
http://www.karlmayer.de

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Lindauer DORNIER GmbH  
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http://www.lindauerdornier.com

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Phone #: 0092-423-6688770-7



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Screen & Coating Systems  
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Phone: +43.463.3848-0, Fax: +43.463.3848-283  
E-Mail: sales@zimmer-austria.com

# KMLG

Kohinoor Maple Leaf Group

Address: 42 Lawrence Road, Lahore, Pakistan 54000  
Phone: +92 (0) 42 6278904-5, +92 (0) 42 6373068-9  
Phone: +92 (0) 42 6302261-2  
Mr. Tariq Sayeed Saigol  
CHAIRMAN  
Phone Exchange: +92 (0) 42 36302261-2 & 36278904-5  
Fax: +92 (0) 42 36368721  
tariq.saigol@kmlg.com

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Tel.: (+49 2541) 7 33-0  
E-Mail: thies@thiestextilmaschinen.de  
http://www.thiestextilmaschinen.de



SDL Atlas Hong Kong SDL Atlas  
Hong Kong  
3J, Garment Centre, 576 Castle Peak Road,  
Kowloon, Hong Kong  
P: +852 3443 4888  
F: +852 3443 4999  
E: info@sdlatlas.com.cn

# Biancalani

MACCHINE TESSILI

Biancalani s.r.l. - Via Menichetti, 28 -  
59100 Prato - Italy -  
Tel. +39 057454871 -  
Fax +39 0574633491 -  
E-mail contacts@biancalani.com  
http://www.biancalani.com





HEADQUARTERS  
ARCHROMA MANAGEMENT LLC  
Neuhofstrasse 11, 4153 Reinach  
Switzerland  
Tel: +41 61 716 3401



Italy — Itema s.p.a.  
via Cav. Gianni Radici  
24020 Colzate, Italy  
Phone +39 035 728 2111  
Fax +39 035 740 505

Switzerland — Itema  
Korporationsweg 13c  
8832 Wilen b. Wollerau, SZ  
Switzerland  
Phone +41 (0)43 488 21 21  
Fax +41 (0)43 488 21 01  
info-ch@itemagroup.com



Loepfe Brothers Ltd.  
CH-8623 Wetzikon/Switzerland  
P.O. Box 582  
Phone +41 43 488 11 11  
Fax, +41 43 488 11 03  
E-mail: info@loepfe.com  
http://www.loepfe.com



Stiftung OEKO-TEX GmbH  
Kaiserstraße 39  
D-60329 Frankfurt a. M.  
Phone: +49 69 40034080  
Telefax: +49 69 4003408299  
E-mail: info@certification-oeko-tex.com  
Internet: www.oeko-tex.com



BRÜCKNER Trockentechnik GmbH & Co. KG  
Benzstrasse 8-10 / Postfach 11 54  
71229 Leonberg / 71201 Leonberg  
GERMANY  
Fon: +49-(0)7152/12-0, Fax: +49-(0)7152/12-9254  
mail@brueckner-tm.de  
www.brueckner-tm.de



Oerlikon Textile GmbH & Co. KG  
Leverkuser Str. 65  
42897 Remscheid  
Deutschland  
Tel.: (+49 2191) 67-0  
E-Mail: info.textile@oerlikon.com  
http://www.oerlikontextile.com



Picanol - HEADQUARTERS  
Stevelyncklaan 15  
8900 Ieper  
Tel. +32 57 22 21 11  
Fax +32 57 22 22 20



SAURER AG  
Bleikenstrasse 11  
9630 Wattwil  
Schweiz  
info@saurer.com



Savio Macchine Tessili SpA  
via Udine, 105 - 33170 Pordenone / Italy  
Phone +39 0434 3971  
Fax +39 0434 397656  
mail: mail@saviospa.it



British Textile Machinery Association  
City Heliport  
Liverpool Road  
Eccles, Manchester  
M30 7RU United Kingdom  
T: +44 (0)161 775 5740  
F: +44 (0)161 775 5485  
E: btma@btma.org.uk  
www.btma.org.uk



ACIMIT  
ITALIAN TEXTILE MACHINERY  
ACIMIT  
Via Tevere, 1  
20123 Milano (ITALY)  
PH: +39 02 46.93.611  
FAX: +39 02  
48.00.83.42  
EMAIL: info@acimit.it



Spindelfabrik Suessen GmbH  
Administration  
Donzdorfer Strasse 4  
D-73079 Süssen  
Germany  
Phone: +49 (0)7162 15-0  
Fax: +49 (0)7162 15-367  
E-mail: mail@suessen.com



US Apparel & Textiles (Pvt) Ltd.  
Raiwind Defence Road,  
Khizarabad Stop,  
Lahore.  
Tel: +92-42-35340034-48  
Fax: +92-42-35340049-50  
Email: info@usaparel.com



Edificio Jeanologia  
Ronda Guglielmo Marconi 12  
Parque Tecnológico 46980  
Paterna – Valencia – Spain

Tel +34 96 136 91 90  
General: info@jeanologia.com  
support@jeanologia.com



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