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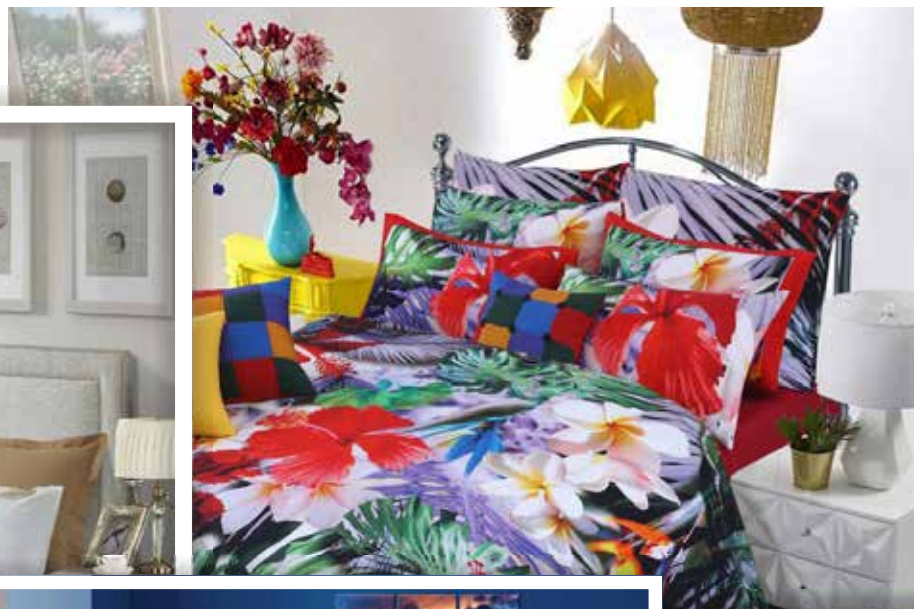


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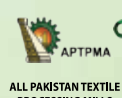


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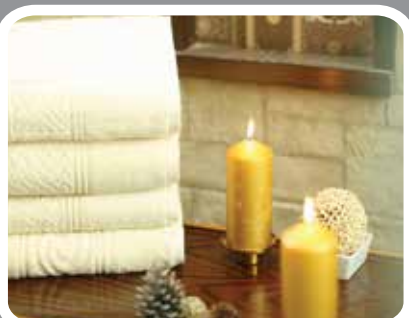
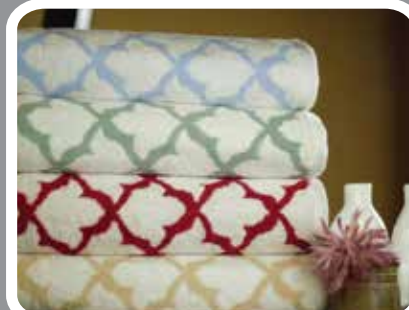
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editorial

Dear Readers,

Welcome to the first edition of 2022.

Despite being a negative impact on the worldwide textile and apparel industry in 2019 and 2020, the year 2021 observed a mammoth growth. The global apparel manufacturing market reached \$992 billion in 2021 which was \$948 in 2020.

Major apparel manufacturing countries like China, Bangladesh, Vietnam, India, Turkey, etc. observed a significant growth in the year 2021 and prospect a boom in the year 2022. On the other hand, brands and retailers overcome the loss they faced during the years 2019 and 2020. Also, they are hoping for returning to growth in the year 2022.

With textile exports, especially value-added, marking a significant growth in first four months of this fiscal year, industry officials on Thursday said a wave of new investment in the sector was on cards.

Pakistani officials said the sector invested \$3-3.5 billion on modernisation and expansion in the last few years and the investment is likely to match \$5 billion, witnessed during Musharraf era when the sector was undergoing major modernisation, balancing and replacement (BMR).

"The figures can be matched in next six to eight months provided the government provides the sector level-playing field"

Exports of various categories of value-added textile goods went up substantially in July-October period of this financial year compared to the corresponding period of previous year, as per latest figures released by Ministry of Commerce.

Exports of men's garments jumped by a massive 32 percent to \$1.584 billion in the months under review compared to \$1.201 billion in the same period last year.

Home textile exports grew 22 percent to \$1.575 billion in July-October of 2021-22 against \$1.294 billion in the same months a year ago.

Exports of cotton fabric increased 20 percent to \$745 million in first four months of current fiscal compared to \$622 million in the same months of last fiscal.

Likewise, exports of jerseys and cardigans soared 60 percent and women's garments increased 20 percent in the period under

review compared to same months during the last fiscal.

Pakistan's textile sector is bringing cheer to its flailing economy, with exports set to swell to a record after gaining an edge over South Asian rivals during the pandemic.

Textile exports are poised to surge 40% from a year earlier to a record \$21 billion in the 12 months ending June, according to Abdul Razak Dawood, commerce adviser to Pakistan's prime minister. Dawood predicted that figure would expand to \$26 billion in the next fiscal year, surpassing the nation's total exports last year.

The government also plans to announce a proposal next month that will likely provide incentives for exports to new markets such as Africa, South America and Central Asia, Dawood said. The nation is doubling down to boost textile exports through measures including tax breaks, cheap loans and supplying electricity at rates that are comparable with rivals in South Asia. A 60% decline in the local currency against the dollar since 2018 has also helped.

In terms of bilateral cooperation and exchange, China is interested in strengthening investment cooperation with Pakistan in textile and garment industry, said China Chamber of Commerce for Import and Export of Textiles (CCCT). Talking to a national news in China, vice president at CCCT Zhang Xian said potential of a combination of strengths and weaknesses provides opportunities for deepening cooperation between the two countries' textile industries. "China is willing to strengthen investment cooperation with Pakistan in the textile and garment industry," Zhang said, adding that collaboration and competition coexist for textile industry in both countries and Sino-Pak co-op in textile industry is 'untapped'.

As a major garment producer, Pakistan's export of home textiles, clothing, and other processed products to the European Union, the United States, and other countries and regions has witnessed a rapid growth these years, which has also driven rapid growth in yarn and fabric imports from China, promoting the cooperation between China and Pakistan in the industrial chain.

WASEEM J. KHAN
Editor-in-Chief

GLOBAL TEXTILE AND CLOTHING NEWS

PAKISTAN'S TEXTILE & APPAREL EXPORTS RISE 26.05% IN JULY-DEC '21

22 Jan '22

The value of textile and garment exports from Pakistan increased by 26.05 per cent year-on-year in dollar terms in the first six months of fiscal 2021-22. During the period, Pakistan earned \$9.381 billion from textile and apparel exports, compared to exports of \$7.442 billion in July-December 2020, according to data from Pakistan Bureau of Statistics.

Category-wise, knitwear exports rose by a sharp 35.21 per cent year-on-year to \$2.5 billion during the six-month period, while exports of non-knit ready-made garments were up 22.93 per cent to \$1.831 billion.

Among textiles, cotton yarn exports increased by 52.33 per cent to \$610.427 million in July-December 2021, as against exports of \$400.733 million made during the corresponding period of 2020. Exports of cotton fabric also rose by 21.35 per cent and



were valued at \$1.134 billion during the period under review. Bedwear exports jumped by 19.04 per cent to \$1.659 billion during the six-month period, the data showed.

On the expenditure side, synthetic fibre imports shot up by 43.16 per cent year-on-year to \$404.535 million, while imports of synthetic and artificial silk yarn rose 33.47 per cent to \$427.599 million during July-December 2021.

Meanwhile, the value of tex-

tile machinery imports by Pakistan increased significantly by 88.24 per cent year-on-year to \$434.676 million during the six-month period.

In fiscal 2020-21 ending June 30, textile and garment exports from Pakistan increased by 22.94 per cent to \$15.400 billion over \$12.526 billion exports in the previous fiscal. In fiscal 2018-19, the value was \$13.327 billion.



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BTMA FEARS RAW MATERIAL CRISIS IN BANGLADESH, PRICES MAY SOAR

20 Jan '22

The Bangladesh Textile Mills Association (BTMA) recently expressed fears that the sector might face a crisis of raw materials, primarily cotton, in February and March as shipping lines are not ready to carry containers headed to Bangladesh due to a shortage of feeder vessels for timely unloading. Millers said if they failed to get cotton on time, production in many mills would stop and yarn prices would rise. Though the letter of credits had already been opened for importing cotton needed for February-March, importers would not get the consignments on time due to the reluctance of shipping lines to enter the country's channel, BTMA office bearers told a press conference.

Along with shortage of feeder vessels, inefficiency of port has also been discouraging shipping lines to carry Bangladesh-bound cargo as loading and unloading take more time, causing additional anchoring charges for the

mother vessels, BTMA president Mohammad Ali Khokon said. Khokon said Bangladesh has to



pay additional 4 to 5 cents for a pound of cotton due to the higher freight cost as container clearance in the country takes more than a week due to the complex customs procedures while other countries take a maximum of four to five days, according to Bangla media reports.

More than 100 members of the trade body verbally informed its president that shipping lines were unwilling to enter the Bangladesh channel. Due to the

trade war between the United States and China, many containers remained stacked in the ports

of the two countries, he said.

Khokon also demanded duty-free import of all types of fibres to ensure product diversification as different types of fibres with cotton are being used in the primary textile sector to produce yarns as per the demand of global buyers.

BTMA senior vice-president Md Fazlul Hoque and director Md Saleudh Zaman Khan, among others, were present in the briefing.



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AUSTRALIAN WOOL EMI MANAGES 3AC GAIN THIS WEEK

21 Jan '22

Amidst market adjustments, the Australian wool Eastern Market Indicator (EMI) managed a 3ac gain to 1392ac/clean kg level. In USD terms the EMI depreciated by 5usc as the forex rates against the AUD eliminated the small gains achieved in the local market. The USD EMI closed at 1008usc/clean kg. The Western Market Indicator (WMI) actually dropped by 3ac to 1436ac/clean kg.

Australia's super fine Merino wools finer than 17.5 micron were 40 to 70ac dearer, 17.5 to 18.5 micron put on a 10ac gain whilst all types broader than 19 micron dropped 10 to 20ac. Crossbreds fell away quite a bit by a margin of 20 to 30ac and most of the carding wool sectors were generally 10/15ac dearer by the close of selling, the Australian Wool Innovation (AWI) Limited said in its commentary for the sale week 29 of the current wool marketing season.

"The auction purchasing and market direction was once again set by

the major locally based exporters. In fact, Australia's largest exporter

indent who outbid the traders as the Euro purchasing interest of last



bought an impressive 26 per cent of the Merino fleece and skirtings that were sold. Stronger Chinese top making interest and indent orders were seen on the Merino fleece to provide the stiffest of the competition and skirtings were fought over by mainly the traders and top makers," the AWI commentary added. The buying of the crossbred wool types was dominated by a Chinese

week waned for the time being. Carding wools remain the domain of locally based processors and traders.

Next week sees a schedule of around 46,000 bales to be offered, with a split auction week selling on Tuesday and Thursday as the official holiday for the national day of Australia is on Wednesday.

DHAKA, BERLIN SIGN 20.15-MN PACT TO IMPROVE RMG WORKERS CONDITIONS



22 Jan '22

Bangladesh and Germany recently signed an agreement to support five projects worth €20.15 million, to be jointly implemented by the Deutsche Gesellschaft für Internationale Zusammenarbeit GmbH (GIZ) and partner ministries and institutions in Bangladesh. The grant will be used for interventions in the

textile sector and for the promotion of e-mobility in Bangladesh. The grant will also ensure access to clean energy for Bangladeshi citizens, GIZ Bangladesh said on LinkedIn. Fatima Yasmin, secretary of the economic relations division of the Bangladesh ministry of finance and Achim Tröster, German ambassador to Bangladesh signed

the agreement on January 11. The ambassador highlighted the common interest of both the countries to improve the working conditions of workers in the textile processing industry and to ensure access to clean energy for the entire population of the country, if possible.

UK CMA TO COMMENCE COMPLIANCE REVIEW OF SUSTAINABILITY CLAIMS

21 Jan '22

To help businesses understand how to communicate their green credentials while reducing the risk of misleading shoppers, the UK Competition and Markets Authority (CMA) recently published the Green Claims Code. Following an initial bedding-in period, CMA will carry out a full review of misleading green claims, both on and offline as the year begins.

CMA will prioritise which sectors to review in the coming months, which could include industries where consumers ap

pear most concerned about misleading claims—textiles and fashion, travel and transport, and fast-moving consumer goods. However, any sector where the CMA finds significant concerns could become a priority.

The Code focuses on six principles based on existing consumer law. It is clear that firms making green

claims “must not omit or hide important information” and “must consider the full life cycle of the product”, SMA said in a press note. The Code is part of a wider awareness campaign that CMA launched recently ahead of COP26.

CMA is concerned about people being misled by environmental claims and also wants to ensure that busi-

nesses feel confident navigating the law in this area.

Where there is clear evidence of breaches of consumer law, CMA may also take action before the formal review begins.

The Code has been published following extensive consultation with businesses of all sizes and consumer groups.



PAKISTAN LOSING 20% OF VITAL TEXTILE EXPORTS

About \$250 million of textiles exports were lost last month after mills in Punjab were forced to shut for 15 days, said Shahid Sattar, executive director of All Pakistan Textile Mills Association

14 January 2022

Pakistan's natural gas shortage is hurting its most important export industry, putting even more stress on an economy already struggling with accelerating inflation and a weakening currency.

About \$250 million of textiles exports were lost last month after mills in Punjab were forced to shut for 15 days, said Shahid Sattar, executive director of All Pakistan Textile Mills Association. Factories in the province are dependent on regasified imports of liquefied natural gas, while domestic supply is being diverted to other regions, he said.

Pakistan has become a fast-growing import market for LNG as local supply has subsided over the last few years. But competition for the fuel -- used as an electricity feedstock and for heating and cooking -- has intensified due to global shortages, sending spot prices to levels that Pakistan can't afford.

The textiles industry -- which supplies everything from denim jeans to hats to buyers in the U.S. and Europe -- is one of the country's few economic bright spots. Production grew almost 6% in the nine months through March 2021 and the sector accounted for 60% of total exports, government data

show.

"The high gas prices are prohibitive," Sattar said in an interview. The "supply shortfall is due to the energy ministry's inability to arrange supply, and is hurting the very future of Pakistan's exports and economy."

The country exported \$11.4 billion of textiles in the nine months through March 2021, according to government data. Based on those figures, the \$250 million probably amounted to around 20% of Pakistan's textiles exports last month, according to Bloomberg calculations.

The gas shortage is hitting Pakistan at a critical economic and political juncture. The country is struggling with accelerating inflation and a weakening currency, with support for Prime Minister Imran Khan's ruling party ebbing ahead of national elections due in 2023. The government also needs to raise taxes, and has just increased petrol price levies, as a pre-condition to resume its \$6 billion bailout program with the International Monetary Fund. Officials at the energy ministry didn't respond to phone calls seeking comment.

Pakistan, which is heading into the coldest months of the year, is-

sued an emergency tender to import more LNG in November after suppliers backed out from deliveries amid skyrocketing prices and surging global demand. More recently, gas trader Gunvor told Pakistan it would be unable to make a delivery scheduled for Jan. 10.

The country faces gas shortages every winter because Pakistan's natural gas fields are seeing a depletion of about 9% each year and imported LNG is very expensive, Energy Minister Hammad Azhar said at a press briefing in late December. Pakistan announced a bidding round to help find more oil and gas reserves, Azhar said in a Twitter post on Friday.

The government restored gas supplies to the textiles sector last Wednesday, but frequent power blackouts are still curbing operations, Sattar said. Mills will only be able to run at about 80% of capacity if the situation persists, he said.

"Our history is littered with episodes of 'stop-go' growth caused by energy shortages and exorbitant costs, both of which are the result of mismanagement" by the government, Sattar said.



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HEIMTEXTIL SUMMER SPECIAL TO BEGIN FROM JUNE 21, 2022 IN GERMANY

Constructions include GOTS-certified cotton and recycled poly

17 Jan '22

Heimtextil will take place as a one-time summer special in Frankfurt am Main, Germany, from June 21-24, 2022, parallel to the trade fair duo Techtextil and Texprocess. The decision to hold a summer edition this year is the result of a positive vote from the home and contract textile industry, which is longing for a re-start of personal business meetings.

Exhibitors and buyers will also benefit from valuable synergy effects between the three international trade fair formats, organiser Messe Frankfurt said in a press release.

"It is great to see the high level of trust that our exhibitors have in us, even after more than two years of the pandemic. The results of the vote and the first confirmations of participation show: The need to finally return to personal business meetings and new global contacts in face-to-face exchanges before the end of this year is as strong as ever – even if the reunion this year will take place in a different setting than usual," said Olaf Schmidt, vice president, Textiles & Textile Technologies, said.

"From our point of view, it is a good decision to reschedule Heimtextil to summer this year. We need a platform to present our new products to the market. The



industry needs to see each other again, a personal relationship is important. We hope that the situation this summer will allow exhibitors and visitors to travel freely and that the fair will mark the beginning of a return to normality," said Francisco Jover Pastor, CEO of Jover Group.

"It means a lot to us that Heimtextil 2022 will be held as part of the Summer Special. In June, we will finally be able to connect personally with the global trade again at a central location and show live what is possible with Tencel lyocell and modal fibres for the interior sector. Especially for home textiles, it is very important to see and touch the products. We are looking forward to many new contacts and to seeing long-time

customers and companions again at Heimtextil 2022 this summer," said Ebru Bayramoglu, head of global business development at the Lenzing Group.

"We are positive about the summer date and will participate with the same booth planning for June that was planned for the January event," said Martin Buchta, CEO of Hohmann Weberei.

Due to the parallelism of the three trade fairs, national and international buyers will be able for the first time to experience global trends and innovations along large parts of the textile value chain bundled in one place - starting with fibres and yarns, through functional textiles, textile technologies and production and finishing processes, to the end product



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for textile interiors and recycling. "The close proximity to Techtextil and Texprocess provides Heimtextil buyers with exciting new perspectives on innovative functionalities of technical textiles or also nonwovens as well as processing technologies for the home textiles industry. Through these synergies, we create additional incentives to attract national and international buyers for the re-launch of Heimtextil in summer," explained Schmidt.

The simultaneous presence of retailers, interior designers, textile engineers, architects, material

experts from research and development, as well as machine and technology specialists, will also give exhibitors at all three trade fairs the unique opportunity to establish business contacts in completely new constellations through cross-networking.

Techtextil covers the entire spectrum of technical textiles, functional apparel textiles and textile technologies. The leading international trade fair provides an overview of the latest applications of high-tech textiles to make products lighter, more functional and more sustainable. In parallel, in-

ternational exhibitors at Texprocess present the latest machinery, equipment, processes and services for garment manufacturing and textile and flexible materials. The leading international trade fair shows how technical textiles, apparel fabrics and flexible materials can be processed even more efficiently and sustainably. As hybrid events, both trade fairs will be supplemented by additional digital offers for exhibitors and visitors. The Heimtextil Summer Special will take place as a purely physical event.

US' HUNTSMAN BRINGS HIGH-PERFORMANCE SOLUTIONS TO COLOMBIATEX

25 Jan '22

Huntsman Textile Effects has brought a complete suite of solutions for performance apparel, technical textiles and casual wear to the ongoing Colombiatex de las Américas 2022. Huntsman Textile is also showcasing the latest addition to the third generation of its revolutionary AVITERA SE poly-reactive dye range at the three-day international exhibition.

AVITERA ROSE SE delivers brilliant bluish-red shades while reducing the water and energy required for production by up to 50 per cent and increasing mill output by up to 25 per cent or more. It also significantly outperforms the best available dyeing technologies for cellulosic fibres and blends in



terms of value by reducing recipe costs, minimising processing costs and eliminating reprocessing, Huntsman said in a press release. ERIOPON E3-SAVE is another

next-generation water-saving innovation. An all-in-one textile auxiliary for polyester processing, it allows pre-scouring, dyeing and reduction clearing to be combined



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in a single bath and eliminates the need for anti-foaming products. This shortens processing time and saves water and energy.

“Sustainability is becoming a priority for regulators in South America and around the world, and consumers are increasingly keen to make a difference by choosing green brands,” said Ben Powell, commercial director Americas, Huntsman Textile Effects. “Huntsman is redefining what’s possible to help textile and apparel companies make the shift to more environmentally sustainable operations while enhancing their competitiveness at the same time. Our innovations make it possible to benefit from efficiency gains and resource savings in the factory as you deliver products that stand out in the market.”

At Colombiatex, Huntsman Textile Effects is presenting to local textile mills an end-to-end solution for achieving full whites and consistent shades on rPET with right-first-time quality. This

eco-friendly rPET processing solution includes pre-treatment chemicals, fluorescent whitening agents, state-of-the-art washfast dyes, and finishing solutions for high-performance protection and comfort.

TERASIL BLUE W is the latest addition to Huntsman’s TERASIL W/WW range of washfast disperse dyes for polyester and man-made fibres and their blends. Crucially, it is not sensitive to reduction, leading to higher reproducibility, higher right first-time results and operational excellence. It also reduces overall water and energy consumption, as well as water effluent. TERASIL BLUE W offers high build-up for deep blues that stay vibrant, the release added.

In partnership with Sciessent, Huntsman Textile Effects brings revolutionary antimicrobial and odour-control solutions to Colombiatex to enable mills to produce garments that smell fresh for longer and need less frequent

washing. Featured at Colombiatex is Sciessent’s new anti-odor technology - NOBO. Launched last week, it is specifically designed to reduce odors in natural and synthetic fabrics; it can be incorporated into virtually any fabric. From base layer and activewear tops to socks and underwear to jeans and chinos, it offers a cost-effective way to upgrade everyday products and add value to the customers.

The partners will also present Sciessent’s Agion Active X2, a next-generation odour-control solution that combines advanced antimicrobial and odour-absorbing technologies to both capture and fight odour-causing bacteria, and Lava X2, a standalone odour adsorption product and key component of Agion Active X2 that attracts, absorbs and degrades odours for long-lasting odour protection.

Colombiatex starts today and will end on January 27.

CHIC SPRING SHANGHAI POSTPONED TO APRIL 2022

Asia’s largest fashion fair CHIC Spring Shanghai has been postponed from March to April. Due to the new virus variant Omicron, the organisers of CHIC have pushed the schedule of the fair, which will now begin from April 14, 2022 in Shanghai. The trade fair team will now focus on working on innovations at the trade fair with the highest pri-

orities.

With the shift in dates, the organisers have started taking into account the interests of international exhibitors and visitors. In addition to various international joint stands, Germany will also be represented with a German pavilion, fair organisers said in a press release.

CHIC Spring is the showcase for the

latest trend developments in fashion and offers trade visitors a concentrated overview. CHIC Spring as a fashion and lifestyle fair focuses on the areas of womenswear, menswear, kidswear, denim, shoes and bags, accessories, designers and streetwear at the National Convention & Exhibition Center in Shanghai.

CHIC will be organised by Beijing



Fashion Expo Co. Ltd. and China World Exhibitions, supported by the China National Garment Association, the China World Trade Center and the Sub-Council of the Textile Industry (CCPIT).

SCOTTISH DEVELOPMENT INTERNATIONAL DEBUTED AT INTERTEXTILE SHANGHAI

14 Dec '21

Joining Intertextile Apparel for the first time, government agency Scottish Development International brought the very best of Scottish fabric suppliers to the autumn Shanghai fair in October 2021. The textile industry of Scotland has long been associated with quality local craftsmanship and rich heritage ties

to the country's historical culture. "We are a local government agency that aims to help Scottish companies improve their international strategy, competitiveness and business opportunities. We're excited to be here for the first time to represent nine Scottish mills and introduce their products to the Chinese market," said Jo Cui, trade repre-

sentative at Scottish Development International while explaining their role in promoting Scottish brands. "We describe our Scottish mills and products as having three stand-out characteristics; they are classic, premium, sustainable. In fact, six of the companies participating here have a history of more than 100 years, such as Lochcarron of Scotland,

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as well as Harris Tweed Hebrides; these companies provide the most classic and high-quality products,” said Cui pointing this out when highlighting what they believe are

the key qualities of Scottish fabrics. These mills pride themselves on the world-class reputation of their fabrics, meaning the products are suited towards the growing purchasing behaviour of millennial consumers who look for quality, authenticity and transparency in products. This goes hand in hand with rising levels of disposable income and the pursuit for a more premium and luxury lifestyle, which is driving the consumption of high-quality textile products in countries such as China, the US and also Europe, fair organ-

iser Messe Frankfurt said in a press release. The sustainability of their products has also become a crucial selling point for Scottish mills, which work

by the Ellen MacArthur Foundation, wool gets the highest score possible, above all other fabrics.

“Our booth was very lively and we met with lots of different buy-



ers. We received lots of enquiries which we'll relay back to the individual companies to follow up on and continue business discussions. The fair has undoubtedly provided many opportunities for Scottish brands here and the response from this edition has given us great confidence in the market, so we have already decided to join future editions of Intertextile Apparel,” Cui explained.

almost exclusively with wool. In fact, Lochcarron of Scotland labels its products the ‘antithesis of fast fashion’ and aptly so, considering the lifespan of wool garments is said to be 50 per cent longer than cotton garments, according to a global wardrobe audit conducted by The Nielsen Company on behalf of The Woolmark Company. On top of this, wool is 100 per cent natural and biodegradable, making it an obvious contributor to the circular economy model. So much so, that in the Material Circularity Indicator

industry.



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NEONYT GERMANY TO BE CENTRAL HUB FOR SUSTAINABLE CLOTHING, ACCESSORIES

13 Dec '21

Neonyt will be the leading international trading platform and a central ordering hub where retailers can order collections from relevant brands in the sustainable clothing and accessories sector. The fair beginning from January 18 will host exhibitors whose products, concepts and strategies will lead the way on the path to a sustainable fashion industry.

To ensure that, all potential exhibitors have always undergone an extensive sustainability check and are fashionably curated before their participation is confirmed and they are Neonyt approved. Visitors can be sure that they will only find authentic and sustainable collections at Neonyt, fair organiser Messe Frankfurt said in a press release.

Before the exhibitors are approved, all interested labels must fill in a questionnaire of several pages and provide specific information about their ecological and social commitment efforts. This can be proven by certificates such as Bluesign, GOTS, Fair Trade or Oeko-Tex, their participation in multi-stakeholder programmes, their Codes of Conduct and information about their carbon and water footprints, delivery and supply chains, resource efficiency or innovative production cycles.

As one of the leading European



service providers in the textile industry, Bay City will cover virtually all areas that a modern and sustainable supply chain needs – from design and product development to purchasing and production to logistics and services.

The products are also made in Slovenia, guaranteeing transparency and traceability, with secure jobs and fair wages for everyone involved. Every garment is completely cruelty-free and PETA-approved vegan, as well as plastic-free. Their made-to-order principle avoids waste and also enables customers to have their garments tailored to their own specifications.

The garments by SOMWR are made entirely from organic cotton and are GOTS-certified. Their collections are made fairly and transparently in Thailand, strictly in

accordance with social and environmental standards. Italian label Rifò mainly uses recycled yarns for its collections. To do that, the company collects old garments made of wool, denim or cashmere and transforms them into new, timeless pieces.

Neonyt will be held for the first time since the forced COVID-induced hiatus during Frankfurt Fashion Week and will finally bring together its cross-sector community in the metropolis on the River Main. To ensure that all COVID-related regulations are being adhered to at the tradeshow in January 2022, all participants will be required to provide proof of full vaccination or recent recovery, as well as a negative test taken that same day.

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BETTER COTTON CONFERENCE TO BEGIN FROM JUNE 22, 2022 IN HYBRID FORMAT

17 Jan 2022.

After two years of adapted online engagement due to the pandemic, Better Cotton has announced the dates for the next Better Cotton Conference which will begin from June 22, 2022. Hosted in a hybrid format—with both virtual and in-person options for joining—the two-day conference will be an opportunity to engage face-to-face again with the participants.

“As we consider the ongoing pandemic in our planning to allow safe and inclusive participation, details on our programme, registration,

location and more will be shared soon. Transforming the cotton sector is not the work of one organisation alone.

We expect you to join the Better Cotton community at this major

event for stakeholders in the sustainable cotton sector,” Better Cotton said in a press release.

The participants will be able to collaborate with global leaders and field-level experts, connect and

network with a diverse community of changemakers along the cotton value chain and navigate issues at the forefront of sustainable cotton, such as climate change mitigation and regenerative agriculture.



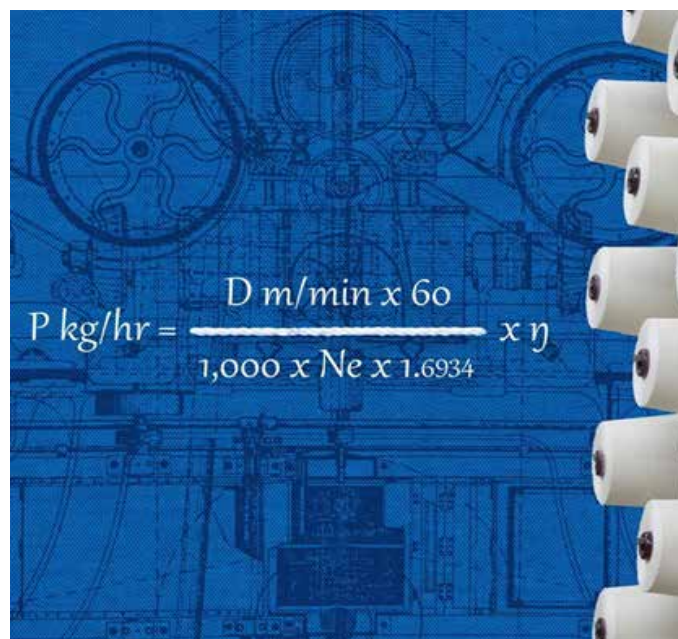
COTTON USA MILL MASTERY COURSES SHOW HOW U.S. COTTON OPTIMIZES SPINNING MILLS

January 14, 2022

Southeast Asia, South Asia, Global Nearly 100 mill participants in four countries have learned how using superior quality U.S. cotton optimizes their spinning mills, after completing the COTTON USA Mill Mastery® course. CCI's in-depth COTTON USA Mill Mastery® course is an informative course of study designed to take global mills' spinning skills to the next level. It's led by the COTTON

USA SOLUTIONS® Technical Team, with a combined experience of over 200 years. Illustrating its success, 97% of the participants have rated the courses as helpful for their day-to-day operations.

COTTON USA Mill Mastery® empowers spinning industry participants with industry-relevant knowledge of all aspects of U.S. cotton through 15 distinct modules, covering 24 different subjects. The topics start



with the U.S. cotton field and cover all major steps of cotton yarn spinning, maintenance and auxiliary processes. Beyond technical knowledge, there are modules on cotton buying, the economics of spinning and profitability in yarn production. The COTTON USA SOLUTIONS® Technical Team delivered courses in Bangladesh, India, Vietnam and Pakistan on fiber quality, fiber selection, profitability and bale management. The team also taught a course on cotton fiber trading and buying twice in Pakistan and in Bangladesh. The profitability module

attracted a lot of attention, and the Technical Team presented it multiple times in each of the four different countries. After every course, an open-book exam provided an opportunity for participants to reflect on their learning.

The success of the courses is evident by the fact that 99% of participants confirmed that they are likely to recommend the courses to a colleague. The COTTON USA Mill Mastery® course awards a physical and digital certificate of completion (partnered with Credly). The shar-

ing rate of issued digital credentials on social media was 75%, compared to an industry average of 47%.

COTTON USA Mill Mastery® courses are one of five offerings of COTTON USA SOLUTIONS®, a cotton consultancy created to take spinning mills to the next level of success. The programs provide unmatched expertise informed by work with over 1,500 mills in 50 countries. COTTON USA SOLUTIONS® programs are complimentary for COTTON USA™ licensees with a U.S. Cotton Trust Protocol® membership.

COTTON USA MILL MASTERY COURSES SHOW HOW U.S. COTTON OPTIMIZES SPINNING MILLS

The U.S. Cotton Trust Protocol® held its successful second Virtual Farm Tour, “Digging Deeper into the Trust Protocol,” an in-depth tour of U.S. cotton. Brands and retailers from around the world attended the event, which took place over two days with four sessions accessible to all time zones. More than 200 individuals attended, including representatives from Amazon, Nike, Ikea, Ralph Lauren, Zara and many more. Before the tour, attendees took their very own immersive trip into the Trust Protocol, which included viewing animations of each of the Trust

Protocol metrics, exploring the map to see where U.S. cotton is grown, and hearing from the people hard at work on the farm. Participants could even explore a virtual cotton farm and make the most of the opportunity by taking a selfie in the field.

Over two days, attendees learned how cotton is grown from seed to boll and followed the natural fiber from the fields of states like Texas, Louisiana, Arizona and Tennessee, to the shirts that line shelves in stores across the world.

The event featured Trust Protocol

grower members from across the U.S., academics within agriculture, tours detailing the textile supply chain, and two live Q&A sessions. During the sessions questions were received from Lacoste, Sainsburys, Target and Adidas, among others.



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U.S. COTTON TRUST PROTOCOL RECOGNIZED AND PUBLISHED IN ITC STANDARDS MAP



**U.S. COTTON
TRUST PROTOCOL®**
Trust in a smarter cotton future

January 11, 2022

The U.S. Cotton Trust Protocol has been recognized and published in the standard mapping process by the International Trade Centre, giving brands and retailers around the world greater choice when it comes to sourcing sustainably grown cotton.

To be included in the Standards Map, an organization must address at least one pillar of sustainable development (economics, environment, social), and/or focus on ethics or quality management. As part of its core program, the Trust Protocol is focused on continuous improvement of six key sustainability metrics including land use, soil carbon, water management, soil loss, greenhouse gas emissions and energy efficiency.

By joining the U.S. Cotton Trust Protocol, members can be sure they are sourcing responsibly produced, quality fiber, and reducing environmental and social risk in their field-to-mill supply chain.

"The Trust Protocol aims to set a new standard for more sustainably grown cotton that provides brands and retailers the critical assurances that the cotton fiber used in their supply chain is more sustainably grown with lower environmental and social risk," said Dr. Gary Adams, president of the U.S. Cotton Trust Protocol. "Inclusion in the ITC Standards Map signals to businesses and consumers that a trusted independent organization has verified this information."

"During a time of increased supply chain scrutiny, brands and retailers face challenges in keeping track of sustainability initiatives and meeting requirements," said Mathieu Lamolle, Senior Advisor at ITC. "We appreciate that organizations such as the Trust Protocol voluntarily submit their sustainability metrics for verification and mapping in our Standards Map database, so that companies can make better-informed decisions about certification and in-

volvement in sustainable production of their raw materials."

The U.S. Cotton Trust Protocol is aligned with the UN Sustainable Development Goals, recognized by Textile Exchange and Forum for the Future, and part of the Sustainable Apparel Coalition, Cotton 2025 Sustainable Cotton Challenge, Cotton 2040 and Cotton Up initiatives. To learn more about the U.S. Cotton Trust Protocol visit TrustUSCotton.org.

About the U.S. Cotton Trust Protocol In a period of ever-greater supply chain scrutiny and growing demand for transparency, the U.S. Cotton Trust Protocol sets a new standard for more sustainably grown cotton. It brings quantifiable and verifiable goals and measurement to responsibly grown cotton production and drives continuous improvement in key sustainability metrics.

The Trust Protocol underpins and verifies U.S. cotton's progress through sophisticated data collec-



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tion and independent third-party verification. Choosing Trust Protocol cotton will give brands and retailers the critical assurances they need that the cotton fiber element of their supply chain is more sustainably grown with lower environmental risk. Brands and retailers will gain access to U.S. cotton with sustainability credentials proven via Field to Market, measured via the Fieldprint Calculator and verified with Control Union Certifications.

The U.S. Cotton Trust Protocol is overseen by a multi-stakeholder Board of Directors comprised of representatives from brands and retailers, civil society and independent sustainability experts as well as the cotton-growing industry, including growers, ginners, merchants, wholesalers and co-operatives, mills and cottonseed handlers.

About International Trade Centre ITC is the joint agency of the World Trade Organization and the

United Nations. ITC assists small and medium-sized enterprises in developing and transition economies to become more competitive in global markets, thereby contributing to sustainable economic development within the frameworks of the Aid-for-Trade agenda and the Sustainable Development Goals of the United Nations.

CHINESE FIRM SUNTECH TO ENTER CARBON FIBRE ERA



05 Jan '22

Suntech will break through the ST series of high-speed rapier looms in 2022, positioning its strategic plan in the manufacture of special fab-

ric looms. Suntech is known to keep pace with time and conduct in-depth research on the weaving of carbon fibre fabrics. In the future, it will use smart textile machinery to

fully produce carbon fibre fabrics. In today's high-speed industrialisation, the uses of carbon fibre are becoming diversified. In applications that require high temperature

and high physical stability, carbon fibre composites have irreplaceable advantages, Suntech said in a press release.

In addition to the traditional use of carbon fibre as an insulation material, carbon fibre is often used as a reinforcing material to be added to resin, metal, ceramics, concrete, and other materials to form composite materials. Carbon fibre has become the most important reinforcing material for advanced composite materials. Because carbon fibre composite materials have the advantages of light and strong, light and hard, high-temperature resistance, corrosion resistance, fatigue resistance, good structural and dimensional stability, good design,

large-area integral moulding, etc., they are widely used in aerospace, national defense and various fields of civil industry.

Carbon fibre is used in sports and leisure fields, such as rackets, fishing rods, tennis rackets, badminton rackets, bicycles, ski poles, skis, windsurfing masts, sailing hulls, and other sporting goods are one of its main users.

Rackets and racket frames are important forms of expression in sports applications. It is estimated that 34 million pairs of bats are produced every year. Forty per cent of bats in the world are made of carbon fibre. The market for tennis racket frames is about 6 million pairs per year, and other sports ap-

plications include hockey sticks, ski poles, etc. Carbon fibre is also used in other marine sports such as boating and boating.

"With its stable performance and superior strength and rigidity, carbon fibre is likely to become the mainstream fibre material in the future. Carbon fibre cloth has also become a trend in the textile industry. It is especially suitable for responding to increased user load in buildings, changes in engineering use functions, material aging, concrete strength levels below the design value, structural crack treatment, service component repair in harsh environments, and reinforcement project protection," the release added.

COTTON ARRIVAL AT PAKISTAN GINNERIES UP 36.81% AS ON JANUARY 1

05 Jan '22

Over 7.347 million bales of cotton have arrived in 2021-22 season at various ginneries in Pakistan, as on January 1, 2022, up 36.81 per cent compared to arrival of 5.370 million bales during the corresponding period of last season, according to the latest fortnightly report on cotton arrivals, released by Pakistan Cotton Ginners' Association (PCGA).

In the major cotton producing province of Punjab, total cotton arrivals increased by 17.81 per cent year-on-year to 3.838 million bales, according to the report prepared by PCGA, in joint cooperation with All Pakistan Textile Mills Association (APTMA) and the Karachi Cotton



Association (KCA). While in Sindh province, cotton arrivals were up 66.12 per cent to 3.508 million

bales as on January 1 during the ongoing cotton season 2021-22.

Of the total arrival of 7.347 mil-

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lion bales at various ginneries in Pakistan, 7.312 million bales were pressed by ginners, of which 7.035 million bales were sold, leaving an unsold stock of 277,185 bales with the ginners, as on January 1, according to the PCGA report.

The textile mills in Pakistan consumed 7.019 million bales, while another 16,000 bales of cotton were sold to exporters, according

to the data. The Trading Corporation of Pakistan (TCP) has not procured any bale of cotton so far this season.

As of January 1, a total of 64 ginning factories were operational in Punjab compared to 185 ginneries that were operational during the same time last season. Similarly, 43 ginning units were operational in the

Sindh region, compared to 72 operating units during the corresponding period last year.

In the previous cotton season 2020-21, Pakistan had produced around 5.645 million bales of cotton, much lower than 8.571 million bales in the previous season, due to water shortage and attacks by cotton leaf curl virus (CLCV) and other pests.

EGYPT SELLS 1.2 MN QUINTALS COTTON THROUGH NEW PLATFORM IN 2021 SEASON

01 Jan '22

About 1.2 million quintals of cotton were sold for EGP 6 billion in Egypt in the 2021 season under the new trading system out of the total cotton production of 1.4 million quintals in 14 governorates, according to the country's ministry of the public enterprises sector. Several cotton trading companies from the private sector participated in the process.

The new system began experimentally in 2019 in Fayoum and Beni Suef, and then in Beheira and Sharqeya in 2020, and was expanded this year across the entire country.

The quantity of cotton sold through the system in Fayoum increased to 54,900 quintals in 2021 compared to 22,200 quintals in 2020. The quantities sold in Beni Suef increased to about 22,000 quintals in 2021, compared to



about 14,000 quintals in 2020, according to a report in an Egyptian newspaper.

Kafr El-Sheikh governorate had the highest cotton selling rate

through the system due to its increase in the areas cultivated with cotton.

ANDRITZ TO SUPPLY A HIGH-CAPACITY SPUNLACE LINE TO BIOSPHERE, UKRAINE

January 13, 2022

International technology group ANDRITZ has received an order from the leading Ukrainian manufacturer of household and hygiene products, Biosphere Corporation, to deliver its first complete neXline spunlace line. The ANDRITZ spunlace line will enable Biosphere to produce fabrics from 30 to 70 gsm, with an hourly output of up to 3,000 kg/hr after the second commissioning phase. Start-up is scheduled in two stages – the first one in the first quarter of 2022 and the second in early 2023, reaching full production capacity.

The high-capacity spunlace line will

double the company's current production capacity and is designed to process various types of fibers, such as polyester/viscose blends and natural fibers. It is dedicated to the production of household, medical and hygiene fabrics, such as cosmetic, disinfecting and baby wipes. Andriy Zdesenko, founder and CEO of Biosphere Corporation, says: "Our goal is to carry on creating innovative and premium-quality products. When ANDRITZ came up with a tailor-made offer combining its cutting-edge spunlace technology with full flexibility for our future installation, we knew they were the ideal partner to support us

in our business development."

In 2019, ANDRITZ Diatec delivered a baby diaper converting line to Biosphere. With this additional order, ANDRITZ is demonstrating its strong global position as a supplier of state-of-the-art and tailor-made sustainable nonwoven solutions. Founded in 1997, Biosphere Corporation has become the market leader in the production and distribution of household and hygiene products in the Ukraine and the CIS and a key converter player in Eastern Europe and Central Asia. The company is expanding rapidly on the international market, including Africa.



PRESS RELEASE AND PHOTO AVAILABLE FOR DOWNLOAD

Press release and photo are available for download at andritz.com/news. The photo may be published free of charge if the source is stated:

ANDRITZ GROUP

International technology group ANDRITZ offers a broad portfolio of innovative plants, equipment, systems and services for the pulp and paper industry, the hydropower sector, the metals processing

and forming industry, pumps, solid/liquid separation in the municipal and industrial sectors, as well as animal feed and biomass pelleting. Plants for power generation, flue gas cleaning, recycling, and the production of nonwovens and panelboard complete the global product and service offering. Innovative products and services in the industrial digitalization sector are offered under the brand name Metris and help customers to make their

plants more user-friendly, efficient and profitable. The publicly listed group has around 26,800 employees and more than 280 locations in over 40 countries.

ANDRITZ PULP & PAPER

ANDRITZ Pulp & Paper provides equipment, systems, complete plants and services for the production of all types of pulp, paper, board and tissue. The technologies and services focus on maximum utilization of raw materials, increased produc-



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tion efficiency and sustainability as well as lower overall operating costs. Boilers for power generation, flue gas cleaning systems, plants for the production of

nonwovens and panelboard (MDF), as well as recycling and shredding solutions for various waste materials also form a part of this business area. State-of-the-art IIoT technolo-

gies as part of Metris digitalization solutions complete the comprehensive product offering.

ANDRITZ TO SUPPLY A SPUNLACE LINE TO TEXYGEN TEXTILE IN

January 24, 2022.

International technology group ANDRITZ has received an order from the Uzbek cotton spinning specialist Taxygen Textile LLC to supply a complete neXline spunlace line.

Start-up is scheduled for the first quarter of 2023. This will be the first spunlace line ever installed in Uzbekistan. The equipment will process high-quality cotton fibers in a fully integrated production line, from bleaching to winding. With this new line, Taxygen Textile LLC will be able to produce top-class spunlace wipes made of 100% cotton, thus opening up new market opportunities. The ANDRITZ equipment will minimize fiber loss and enable Taxygen to produce a high-end spunlace fabric that will allow the company to serve the international medical industry with premium-quality spunlace wipes. Rasulov Ikrom, owner of Taxygen Textile, says: "We are very proud to be a pioneer in the spunlace industry in our country. We have commissioned ANDRITZ to supply our first spunlace line, and their know-how relating to the carding machine, among other units, will enable us to produce premium quality, nonwoven cotton roll goods." Established in 2010, Taxygen is a frontrunner in the Uzbekistan textile industry,



especially in cotton spinning. The company has its headquarters in Tashkent, Uzbekistan.

ANDRITZ GROUP

International technology group ANDRITZ offers a broad portfolio of innovative plants, equipment, systems and services for the pulp and paper industry, the hydropower sector, the metals processing and forming industry, pumps, solid/liquid separation in the municipal and industrial sectors, as well as animal feed and biomass pellet-

ing. Plants for power generation, flue gas cleaning, recycling, and the production of nonwovens and panelboard complete the global product and service offering. Innovative products and services in the industrial digitalization sector are offered under the brand name Metris and help customers to make their plants more user-friendly, efficient and profitable. The publicly listed group has around 26,800 employees and more than 280 locations in over 40 countries.



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CHANGE IN THE BOARD OF DIRECTORS OF THE TRÜTZSCHLER GROUP SE

The Trützschler Group SE has expanded its Board of Directors as of January 1, 2022. Alexander Stampfer (left in the cover picture) has joined the Board of Directors as a new member, assuming responsibility for sales, marketing and service.

Alexander Stampfer has a degree in textile business administration, with many years of experience in the textile machinery industry. Since 1993 he held various management positions in the areas of sales, product management and marketing, and also headed the Rotor Spinning Division of the Rieter Group. In 2017, Mr. Stampfer switched to the Nonwovens Business Group of the Autefa Solutions Group, where he was responsible for sales in South Asia and South America; he also helped establish the new Spunlace Division. Mr. Stampfer joined Trützschler in January 2021. "We are pleased that Mr. Stampfer, with his extensive expertise, is strengthening the Board of Directors of Trützschler Group SE, which was newly merged in November 2021. We wish him great success in his new tasks," says Dr. Roland Münch, Chairman of the Supervisory Board of Trützschler Group SE.

The Board of Directors with its group-wide responsibility has only existed since November 2021, when the former parent company of the Trützschler



Group, Trützschler GmbH und Co. KG, was merged into Trützschler Group SE. Since then, Trützschler Group SE acts as the controlling company for the entire Trützschler Group. The merger was carried out in view of increased requirements on transparency and reduction of complexity of the business processes resulting from the growth of the Group. Despite the new corporate structure, Trützschler continues to be family-owned. The responsibilities of the Board of Directors of Trützschler Group

SE as of January 1, 2022 are as follows: Dr. Dirk Burger (CEO, center in the cover picture) is responsible for Development and Design, Production, Quality Assurance, Purchasing and Corporate Communications; Dr. Ralf Napiwotzki (CFO, right in the cover picture) is responsible for Finance/Controlling, Human Resources, IT, Legal and Compliance; Alexander Stampfer (CSO) is responsible for Sales, Marketing and Service.



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AZS-500

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STM

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OPEN WIDTH HUMIDIFICATION
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CM-01

**FOR KNITTED FABRICS
TUBE FABRIC IRON
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COLOREEL CLOSE NEW DEAL WITH ZSK MACHINES IN THE US

Coloreel, with its unique technology for digital dyeing of textile thread on-demand for more sustainable and creative embroideries, expand their business with the sale of four units with an additional new US distribution partner ZSK Machines, a division of Notcina Corporation.

January 18, 2022

Sven Öquist, VP Sales at Coloreel Group AB comments:

"This is a natural next step in our partnership with ZSK and enable us additional possibility to grow our business in the US. ZSK Machines has great reach into the US embroidery market and provides excellent customer solutions and support. I am looking forward to many more units sold through our new distribution partnership."

Bob Mattina, ZSK Embroidery, comments:

"This is an exciting time for the textile market, and we are honored to serve the industry and support such incredible developments. We are



looking forward to expanding the limits of embroidery." world of Coloreel and pushing the

MAYER & CIE. GOES FOR MODERN POWER GENERATION: NEW CHPS NEAR COMPLETION

February 2022 is Mayer & Cie's target date for taking its two new natural gas-fired combined heat and power plants (CHPs) into service. Excavators were at work for over six months on-site and even outside the works site to carry out the preliminaries: connecting the different buildings to a the gas line and the individual heating systems with each other. They were separate because the circular knitting machine

manufacturer has grown and added to its facilities over the decades. The works site now covers an area of around 35,000 square meters.

Benjamin Mayer
Managing Director

"We have been working since 2013 to make our headquarters energy supply more efficient and more appropriate to our needs," says Heiko Hämmerle, the head of technical engineering at Mayer & Cie. Häm-

merle has clear expectations of his new building services technology.



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He expects the combined heat and power plants with an output of 900 KW to meet between 80 and 90 per cent of the heating requirements of Mayer & Cie's Albstadt-Tailfingen works and its approximately 300 employees. The CHPs will also generate 50 per cent of the electricity used and, in the summer months, 50

per cent of the energy required for cooling. "In all that should save us around 380,000 litres of heating oil per year," he says.

Mayer & Cie. is not only implementing its energy renovation as planned but has also won awards for doing so. Several years ago Baden-Württemberg state government named

the family firm one of its Top 100 firms for resource efficiency.

Says Heiko Hämmerle, "The CHPs mark the completion of this award-winning concept. We will be delighted when we take them into service on schedule in February 2022."



SHIMA SEIKI OPENS ONLINE STORE FOR APEXFIZ SUBSCRIPTIONS

Leading textile technology provider SHIMA SEIKI MFG., LTD. of Wakayama, Japan announces the opening of its new "SHIMA eStore" online shopping site for purchasing subscriptions to its APEXFiz design software. Users can access the SHIMA eStore to purchase and download entry-level APEXFiz Design Jr. subscription software, or sign up for a free 30-day trial.

SHIMA SEIKI's APEXFiz subscription-based design software has been on sale since March 2021 as the latest addition to its proven SDS-ONE APEX series design system lineup. Whereas previous APEX-series design systems were offered as an all-in-one proprietary hardware/

software package, APEXFiz is available as subscription-based design software that can be installed on customers' individual computers. Maintaining proven functions that have made the APEX series so popular with fashion designers, with APEXFiz those strengths are now enhanced with the added versatility to adapt to different work styles and business environments of the "new normal," including teleworking and telecommuting.

APEXFiz offers the latest fashion tech for supporting the creative side of fashion from planning and design to colorway evaluation, realistic fabric simulation and 3D virtual sampling. APEXFiz is available

in 5 different software variations from APEXFiz Design Jr. to APEXFiz Design Pro that can be selected according to each customer's needs. APEXFiz Design Jr., sold at the SHIMA eStore, is entry-level software that specializes in the design and simulation of woven and flat knitted fabrics for supporting virtual sampling. Fabric simulations are available in different formats to be used together with 3D virtual sampling software besides APEXFiz, allowing continued use of software already used by customers while enhancing the realism of digital prototypes created on them.

TURKISH SPINNING MILLS COUNT ON YARNMASTER PRISMA ON A LARGE SCALE

Turkey is and remains a key player in the textile business. With a high focus on excellent quality and flexibility in quantities, Turkish spinning mills are always on the lookout for new technologies that give them another competitive edge.

The possibility of higher efficiency in yarn production while still maintaining yarn quality through basic yarn clearing is one of the key advantages of YarnMaster PRISMA. Turkish spinning mills have therefore switched to the new yarn clearer generation in a targeted manner and on a large scale

The latest spinning mills equipped with PRISMA are mostly medium to large companies that produce mainly compact yarns Ne 20 up to Ne 80, and combed yarns Ne 20 – Ne 40. Among others, these are well-known denim producers, who, in particular, have been waiting for a perfectly functioning combination of mass and diameter measurement for their denim yarn (core and dual core Ne 7 – Ne 24) production. The innovative concept of YarnMaster PRISMA's dual measurement technology relying on the measuring accuracy of both sensor technologies is the ideal solution for reliable detection of missing elastane cores or



Successful in Turkey
YarnMaster® PRISMA

off-centric cores. In the highly competitive denim market, constant innovation and use of new technologies is the prerequisite for success. In addition to the demand for quality, which also stems from the increasing expectations of the end consumer, the denim market is characterized by high quantities with small margins. To be successful in this market, the efficiency of production must be driven to an absolute maximum.

More information about these topics is available here. Mr. Elvio Re Sarto, Loepfe's Sales Representative responsible for the Turkish market says: "After a lifelong career spent in supporting and helping our

valuable customers and friends, who have struggled with available technologies and their unavoidable limitations, the launch of PRISMA has been the realization of a great dream. By no longer having to deal with the two opposing technologies - optical and mass related - we were finally able to offer all spinners the real benchmark product which no longer requires any compromises between efficiency and quality. Further supported by the innovative RGB full color monitoring, using the full spectrum of light by identifying foreign matter with their own real color and not only by 'contrast' PRISMA attains an unimaginable performance level in foreign matter detec-

tion. While everybody confirms that today complaints about yarns are 60% contamination related, Loepfe has again taken a pioneering role in this segment.

PRISMA is an outstanding solution offering many benefits for my clients which also paints a very successful picture in terms of sales results. Today PRISMA has been introduced in all of the most important textile markets in the regions which I cover - Turkey, Uzbekistan, Brazil, Mexico, Italy and Perú - and in some of those countries, on a scale of several tens of thousands of devices."



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TWO-WAY TRACK TO OPTIMUM FIBER CLEANING

Uster, Switzerland, 14th December 2021 – Uster fosters a highly effective dialogue with its customers – so that spinning mills play a continuing role in the development of system improvements. Customer needs are fed back directly to Uster R&D experts, leading to constant progress in fiber cleaning, with reductions in costs, less waste and a stress-free experience for the spinners. It's a two-way track to progress.

The Uster Jossi Vision Shield illustrates this perfectly, with both the model T and model 2 well established in the market. Over 2,000 installations in spinning mill blow-rooms around the globe testify to its success. But the Uster development teams continue to be driven by an ambition to explore still further improvements. Their work doesn't necessarily result in a completely new fiber cleaning system, but it does make a valuable difference to spinners, which is well worth talking about.

Performance for relaxation

The unrivaled detection capabilities of the Jossi Vision Shield come from the sensors and the powerful imaging recognition technology. This is a sophisticated image analysis technique perfected by Uster. The smallest particle of contaminant will be picked out, helped by unmatched image recognition. Such great detection performance might make some spinners nervous that too much good cotton might be ejected with the contaminants. But they can relax with Uster Jossi Vision Shield! Its speed measurement feature even provides a notable reduction in waste. By continuously measuring the velocity of the passing cotton tufts, the system can adapt the duration of each

ejection, so that a minimum of material is removed with the contaminant. Mill trials have proved that optimizing ejection times in this way results in significantly less waste per ejection.

Imaging Spectroscope developed for contamination of various types of colored synthetic material, including polyester.

Information flow

The software built into Jossi Vision Shield is under continuous improvement. Algorithms are adapted to take account of customer feedback, which is proactively requested and passed on via Uster Service to the research and development teams. This two-way connection between the mills and Uster R&D is the secret of success in developing exactly what customers need. The fact that the information passes different Uster experts makes it a sophisticated solution. Each of them – also from textile technology and product management department. Uster Jossi Vision Shield – detection and elimination of natural and synthetic contamination. Contamination control: now it's Total Spinners want to take the safest options when it comes to contamination control. At the same time, they don't want to waste good cotton through tight fiber cleaning settings. Most of all,

they need to keep their yarn production under control. So, they will welcome the latest improvements focused on KPIs for irregularity in performance. The new data allows subsequent processes to be taken into account, for added value and ease of operation.

Spinners at every market level can gain major benefits from Jossi Vision Shield. In the highest quality segment, fiber cleaning settings can be set to even tighter tolerances, without increasing waste. For less critical applications, spinners can retain existing quality settings and see waste greatly reduced, with fewer ejections. In all cases, mills can expect significant improvements in the balance between quality and efficiency. Raising contamination management to the next level requires combined data: that means Total Contamination Control, using the power of Uster Quantum and Uster Jossi Vision Shield. Total Contamination Control ensures precisely-controlled contamination levels in yarns, with minimum waste – and at minimum possible cost. Uster is the only single-source provider of this integrated solution.



imaging Spectroscopy developed for contamination of various types of colored synthetic material, including polyester.



Uster Jossi Vision Shield – detection and elimination of natural and synthetic contamination

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MINI SPINNING LINE & TEXTILE RECYCLING

Circular economy and recycling are very popular topics nowadays, widely applied in textiles as well.

Besides its main application (didactic, R&D, sampling) Mesdan's Mini Spinning line is often contemplated as part of recycling projects: garment brands, R&D labs (institutes & universities), new startups are showing high interest in laboratory scale or small-production lines for recycling of old fabrics & cloths and the recovery of waste of some expensive materials like aramid or carbon fibres. Here a link to see how one textile school in Holland included the Mini Spinning line into their recycling program: [The audio/text are all in Dutch but it is easy to understand the process.](#) Their equipment includes a Lab Card with Coiler + "StiroLab" draw frame with Flyer + "Ring Lab" spinning frame + automatic single drum winding machine. A "standard" recyc-

ling process may be described as follows: incoming material sanitation two cycles through a shearing machine blending (addition of other recycled fibres during carding) and carding drawing + ring spinning final product: blended

yarns (as per desired blending %, count and Tpm) For more information about Mini spinning line and other Mesdan-Lab products please contact Mesdan:



VORTEX M6 ACCEPTED AS TYPE B WASHER BY ISO 6330:2021

December 13, 2021

ISO has updated the 6330 standards: Textiles — Domestic washing and drying procedures for textile testing. Among the changes in the 2021 version are updates to the available detergents, ballasts and acceptable devices. SDL Atlas is excited to share that as per the new specifications, Vortex M6 is defined a standard-compliant Type B washer.

The Vortex M6 the only commercial grade top loading washing instrument engineered specifically for laboratory use for meeting global testing standards. The instrument provides programmable precision

via a user friendly, multi-language (English, Spanish and Chinese) full color touch screen that can manage custom settings for: Bath Temperature, Water Fill, Agitation (Speed & Time), Spin (Speed & Time), and Rinse Volume. Operators have the ability to program custom cycles with duration up to 100 hours and custom programs can be saved for later use. The Vortex M6 can be calibrated to ISO 17025 requirements and adjusted back into compliance easily by qualified personnel.

Committed to providing customers confidence in standard based testing, SDL Atlas has offices and experts in the United States, Unit-

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



[ESSENTIALS] TEXTILE TESTING - WHAT IS IT AND WHY IS IT IMPORTANT?

Before anything is sold to a customer, manufactures test items to make sure they work as intended. Whether it's a car, a machine or an item of clothing. Textile testing is no different and is carried out by clothing companies and their suppliers all over the world, ensuring clothing is made to the standard and quality desired. Testing is a critical part of textile production and helps companies develop textiles to the quality and standard they wish. Textile testing can be defined as "Examining and determining the physical, mechanical and chemical properties of a textile."

Often, testing is completed during the creation of textiles to ensure any faults or problems are eliminated before manufacturing and there are many factors that can affect test results, such as, Atmospheric conditions, methodology and the testing instruments used.

There are many reasons why it is important for companies to test, including:

- Controlling the manufacturing process
- Ensuring product quality
- Increase/sustain cus-

tomers satisfaction

- Ensure the brand image/reputation is what the company intends
- Textile testing is extremely important as it ensures quality and can eliminate any problems ahead of manufacturing.



Development of new and innovative clothing means that textile testing is more important than ever. From sweat wicking technology to waterproof garments, testing the textiles during development ensures the manufacturer can understand the capabilities of the fabric and any developments that need to be made. Sportswear brands, luxury brands, fast fashion brands and workwear brands all have a need for textile testing and

will carry out the necessary tests for their textiles.

James Heal has provided Textile Testing equipment since 1872 ensuring our customers achieve consistent and accurate results, every time. Our new Performance Testing Range has been designed for testing performance wear

and technical textiles. The functionality of performance wear must be qualified by evidence, and our instruments have been designed to give brands, retailers and manufacturers confidence in their results.

Our Performance Testing Range includes:

- ProDry
- TruRain
- WickView
- AquAbrasion



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CONTINUOUS TRAINING OF OUR FIELD TECHNICIANS

January 14, 2022

Our customers know that the Picanol experts are just a phone call away. Our team of Field Technicians has never stopped supporting our customers since the start of the coronavirus pandemic. We heavily invest in the continuous training of our team of about 150 experienced

technicians, who are spread across more than 30 countries.

In this regard, on an annual basis, we organize an in-depth training session for our Field Technicians at our headquarters in Ieper (Belgium). Unfortunately, due to the worldwide coronavirus situation, the 2021 Picanol Field Technician

Days became a virtual edition. Nevertheless, it featured the same levels of dedication and enthusiasm from our technicians and trainers! And some very interesting topics were covered, including, of course, a strong focus on our new Connect generation weaving machines.

WOVEN ART CREATED ON THE P2 RAPIER WEAVING MACHINE



An exhibition by Otobong Nkanga at the Kunsthaus Bregenz shows: On

weaving machines made by Lindauer DORNIER GmbH, not only func-

tional fabrics and fashionable clothing, but also impressive works of art

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can be produced. Normally, DORNIER customers weave – to name just a few – sophisticated clothing, shading or filter fabrics on their rapier weaving machines. But visitors to the Kunsthaus Bregenz can now also admire the artistic skills of the P2: Since October, four large-scale, brightly coloured tapestries have been hanging in the Kunsthaus, which is one of the outstanding exhibition houses for contemporary art in Europe. They were woven by the artist Otobong Nkanga, whose works have already been exhibited at the Tate Gallery of Modern Art in London. The performance artist, who made these fabrics especially for the huge concrete walls in the

Kunsthaus Bregenz, wants to draw attention to the exploitation of nature by man. The carpets, distributed over various rooms, symbolise ocean depths, seasons and climate zones. The P2 rapier weaving machine – “a long-cherished dream” Nkanga’s work is the first result of the cooperation between the “TextielLab”, which is part of the “TextielMuseum” in Tilburg (Netherlands), and the Lindauer DORNIER. According to Hebe Verstappen, head of the textile laboratory, “a long-cherished dream has been fulfilled” with the acquisition of a P2 rapier weaving machine: It enables a wide range of applications opening doors to completely new techni-

cal possibilities for students, artists and designers to realise their textile ideas. At the same time, issues about sustainability, climate protection and resource consumption are becoming increasingly important. “As a value-guided family business, we highly welcome this development,” says Florian Boch, Head of Central Marketing and Communication at DORNIER. A nephew of the late artist had commissioned a DORNIER customer to produce the 25,000 square meters of silver-blue textile specifically for the covering of the Arc de Triomphe.



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SPOTLIGHT ON ECONTROL AT VDMA WEBTALK

Monforts textile technologist Jonas Beisel will outline the benefits of the company's Econtrol® continuous dyeing process during the next free-to-attend VDMA Textile Machinery Webtalk which takes place on February 3rd 2022 at 13.00 (CET).



Based on special production conditions, Econtrol® is the most innovative continuous dyeing process introduced in recent decades.

"Our customers are increasingly looking at shorter production runs and the more economical use of dyestuffs, as well as reducing water and energy consumption," says Beisel. "We have gained many years of experience in the optimisation of dyeing processes through

working with our customers, both at their own plants and in our Advanced Technology Centre (ATC) in Mönchengladbach, Germany. The Thermex universal hotflue for continuous dyeing at the Monforts ATC in Mönchengladbach, Germany.

Reliability

"Our Thermex universal hotflue for continuous dyeing, curing and thermosoling achieves unrivalled reliability even at high fabric speeds, for exceptional cost-effectiveness when dyeing both large and small batches of woven fabrics. The Econtrol® process for reactive dyestuffs now has an impressive number of references on the market, as a quick and economical one-pass pad-dry and wash off process. This is the ideal process for fast change technology and operational savings." Among key benefits are the

saving of resources compared to conventional continuous dyeing methods, excellent reproducibility of pale to dark shades, from lab to bulk, and greater flexibility in production planning due to a resulting dry fabric that does not need an immediate wash off. Econtrol® is a registered trademark of DyStar® Colours Distribution GmbH, Germany, and Bertram Seuthe of DyStar® will be providing recommendations for dyes and auxiliaries for the process during the VDMA event. A third speaker, Guido Seiler of Fong's Europe, will explain how Goller washing ranges help to significantly reduce the water that is conventionally wasted in the washing off process, through a combination of process and chemistry know-how and advanced technologies.



LITTLE TALKS - PART SIX

“Little Talks” meets D. and L., who work at Biancalani and talk about how they gained their respective specializations and skills necessary to solve small and big problems. All thanks to field experience.

What is your job and how long have you been working at Biancalani?

D.: I'm a textile expert and I'm employed as technician and support for the area managers' office. Next March will be my third anniversary with Biancalani. I've always worked in the Textile & Fashion industry, but now I deal with textile mechanical engineering, which means trying to solve problems or suggesting improvements to textile machinery and treatments, to-



gether with the technicians team to which I belong. It was field experience and teamwork that allowed me to gain expertise and acquire skills.

D.: When clients are interested in a textile machinery by Bian-

calani, they can send fabrics to us in order to do finishing tests and understand if the chosen machinery is what they actually need and how to make the most of it. Together with Biancalani's technicians team, I deal with textile testing first and then I take care of the technical discussion and negotiation phases with the client. It's essential to explain every single feature of the machinery that can make the difference for the customer activity and to propose new finishing processes allowed precisely by that machinery. My previous experience in the textile industry has proven to be fundamental, as now I can give informed and precise responses and therefore build a strong, trustful and lasting relationship that is very rewarding to me. Besides, together with the technicians team, I try to contribute with first-hand information to R&D, with the common purpose to solve any problem and strengthen the potential of a machinery, so to give clients the best possible outcome. That's teamwork and I do believe in the synergy between departments. L.: Being able to handle responsibilities is part of my job and I think it can definitely make the difference. When we are in a foreign country, we need to face and solve eventual issues. My long-term experience as an away technician and fitter in the engineering industry is surely



of great help. Then, I try to make a contribution to the R&D, for example by reporting feedbacks and results to Biancalani's engineers, with the aim of improving products every time.

It was like starting our respective paths at the same time. Since then, I've seen how AQUARIA® has attracted customers and stimulated the imagination: in fact, we keep on receiving fabrics from all over the world to do tests and we are trying hard to make the difference. L.: In recent years, Biancalani has issued composite lines of textile finishing machineries, up to three and four elements each, for a complex and complete textile finishing process. I have handled the lines installation since the very beginning and I now deal with assembling them, which is my favorite part of the job. It means providing the customer with not only a machinery, but a textile finishing process which is meticulous and completely satisfying.

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A woman with blonde hair styled in a high bun is looking directly at the camera. She is wearing a dark blue, sleeveless dress with a large, vibrant floral pattern in shades of purple, pink, and teal. The background is a dynamic composition of bright, diagonal light streaks in blue, red, and white, creating a sense of motion and energy.

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AGI DENIM'S INITIATIVES ACCOMMODATE DIFFERENTLY ABLED INDIVIDUALS

January 21, 2022

AGI Denim supports the visually impaired community. Courtesy
With more consumers aware of in-



clusivity, fashion is becoming more accessible to the differently abled community. This month, Pakistan-based denim mill AGI Denim launched two initiatives in support of individuals with disabilities, including braille-embroidered garments and sign language training for employees.

In honor of World Braille Day on Jan. 4, the mill designed denim apparel featuring braille-embroidered artwork with uplifting messages for the visually impaired. Using 3D embroidery and laser printing, AGI created a light wash denim

kimono with tactile elements that both visually impaired and sighted individuals can enjoy. Kimonos were distributed to the visually impaired community in Karachi in partnership with NOWPDP, a Pakistan-based nonprofit serving people with disabilities. NOWPDP previously worked with vertically integrated denim manufacturer Soorty for the launch of its program designed to create an inclusive workplace that embraces disabilities and diversity in the workforce.

According to Orbis, a U.S.-based nonprofit dedicated to preventing and treating the blind community, an estimated 43 million people live with blindness and 295 million people live with moderate-to-severe visual impairment around the world.

"Through these jackets, we want to address the difficulties that visually impaired people face in their lives, the inability to see, and the eagerness to build a sense of how the world looks," an AGI representative said. AGI Denim kimono @denim-culture/Instagram Retail and technology insights firm Coresight Research projects that the U.S. adaptive apparel market will be worth \$54.8 billion by 2023, up from \$47.3 billion in 2019. Demand for greater accessibility has stretched throughout

the fashion industry in recent years, with Tommy Hilfiger expanding its adaptive apparel line for adults and children with disabilities last spring. The collection includes staples like chinos, polo shirts, lounge-wear sets and a range of core denim staples with helpful modifications that make getting dressed less complicated. By 2023, it will make its online shopping experience more inclusive, and will offer products in inclusive formats by 2022 and adaptive versions by 2025 across all cat-



egories.

Trim suppliers in the denim industry are doing their part to provide more adaptive alternatives. In 2020, YKK Corporation released a zipper that closes using magnetic force.



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GLOBAL DENIM JEANS MARKET TO REACH US\$76.1 BILLION BY THE YEAR 2026

Abstract: Global Denim Jeans Market to Reach US\$76.1 Billion by the Year 2026
Globally, the popularity of denim is growing. Denim jeans can be worn on various social and official occasions, and have also demonstrated their capability to transcend beyond age and gender barriers.

New York, Jan. 19, 2022 (GLOBE NEWSWIRE) -- Reportlinker.com announces the release of the report "Global Denim Jeans Industry"

The growing interest towards a casual look is fueling the sales in the market. Rising number of women joining workforce, rapid rates of urbanization, westernization of lifestyles in emerging economies, and rising fashion consciousness are factors propelling growth in the global market for denim jeans. Recent popularity of colored denims and launch of newer styles expanded the range of products that are available under this category. Additionally, jeans are also being considered ideal for various special occasions, apart from casual wear, including formal attire as work wear. All these factors are together buoying growth and also generating renewed interest in the category. Growing penetration of casual wear in the workplace, coupled with rising employment of the young generation have been auguring well for the global denim apparels market. The market is further propelled by the growth in the premium denim jeans segment. Aggressive promotions of innovatively styled denim garments are further

driving growth in the jeans segment. Amid the COVID-19 crisis, the global market for Denim Jeans estimated at US\$57.3 Billion in the year 2020, is projected to reach a revised size of US\$76.1 Billion by 2026, growing at a CAGR of 4.8% over the analysis period. Offline, one of the segments analyzed in the report, is projected to grow at a 3.7% CAGR to reach US\$60.8 Billion by the end of the analysis period. This segment currently accounts for a 17.7% share of the global Denim Jeans market. The popularity of online sales channels is driven by a growing number of consumers using the Internet to browse various websites and indulge in web based shopping. In addition, ability of online stores to offer less expensive products in comparison to physical formats of these stores, along with eliminating the requirement of dealing with queues and crowds is driving consumers towards online retail purchases. Offering a wide array of brands, speciality stores attract customers employing strategic marketing initiatives as well as merchandising. The U.S. Market is Estimated at \$15.1 Billion in 2021, While China is Forecast to Reach \$15.5 Billion by 2026 The Denim

Jeans market in the U.S. is estimated at US\$15.1 Billion in the year 2021. The country currently accounts for a 24.6% share in the global market. China, the world's second largest economy, is forecast to reach an estimated market size of US\$15.5 Billion in the year 2026 trailing a CAGR of 7.2% through the analysis period. Among the other noteworthy geographic markets are Japan and Canada, each forecast to grow at 2.6% and 4% respectively over the analysis period. Within Europe, Germany is forecast to grow at approximately 3% CAGR while Rest of European market (as defined in the study) will reach US\$4.6 Billion by the end of the analysis period. The US represents the biggest consumer of denim jeans worldwide and has the largest per capita consumer of jeans in the world. Factors such as influence of westernization and urbanization, increase in the number of women joining workforce and rising fashion consciousness among consumers are expected to propel growth in the global denim jeans market.

AMERICAN EAGLE OUTFITTERS AIMS FOR \$5.8 BILLION REVENUE IN 2023

21 Jan '22

American Eagle Outfitters (AEO), United States-based specialty retailer offering on-trend clothing, is aiming for a revenue of approximately \$5.8 billion and operating income of \$800 million for fiscal 2023, with the operating margin expanding to 13.5 per cent. These targets exclude potential asset impairment and restructuring charges.

The company is on track to surpass its fiscal 2023 operating income and margin goals two years ahead of schedule. Building on this momentum, AEO is raising its 2023 financial targets. The plan will continue to focus on pursuing growth opportunities for Aerie's powerful brand platform through innovation, expanding deeper into key markets and growing its customer base. Having successfully driven significant and structural improvement in profitability at American Eagle, the brand will now pursue a dual agenda of modest growth and maintaining healthy profit flow-through, AEO said in a press release.

Fueled by strong demand and positive pricing, AEO expects record fourth quarter revenue with growth in the mid-to-high teens compared to fourth quarter 2020, and up in the mid-teens from the fourth quarter of 2019. Operating income is expected to be in the range of \$90 to \$100 million including ap-

proximately \$80 million in higher freight costs, due to supply chain disruptions as discussed in Novem-

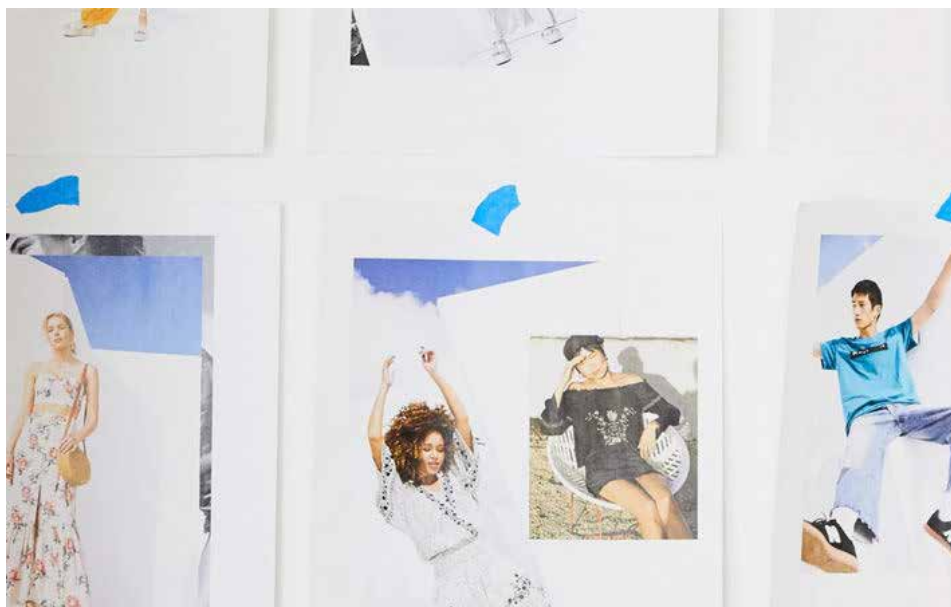
ber. The fourth quarter profit outlook reflects significant progress and meaningful growth compared to the fourth quarter of 2019.

"I am extremely proud of the team's outstanding execution throughout the past year, which has instilled real structural improvements within our company. Inventory and real-estate optimization combined with strong demand fueled by product improvements have reignited profitability at the American Eagle brand. Aerie cemented another year of industry-leading growth and achieved a substantial inflection in profitability as its powerful brand

platform continued to scale. Operational excellence drove solid results amidst external disruptions," said

Jay Schottenstein, AEO's executive chairman of the board and chief executive officer.

"We closed out a milestone year for our supply chain, anchored by two key acquisitions, which secured cost efficiencies, locked in key strategic advantages and created a new platform for future growth. As I look forward, I see tremendous growth potential and opportunities across the organisation. I am excited to see us build on our successes as we strive to reach greater heights and create lasting value for our shareholders," explained Schottenstein.



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CONE DENIM REAFFIRMS COMMITMENT TO RESPONSIBLE SOURCING

12 January 2022

Greensboro, NC — Cone Denim, a global leader in denim authenticity and sustainable innovation for more than 130 years, reaffirms its commitment to responsible manufacturing and ethical sourcing throughout its global supply chain. At the core of its efforts is Cone's ongoing partnership with Oritain, the scientific traceability experts. Cone led the industry last year as the first denim mill to offer Oritain's technology, providing the highest level of end-to-end supply chain transparency using forensic science to verify the origin of cotton and confirm with confidence that no cotton fibers used in Cone Denim fabrics are sourced from regions with risk of forced labor. Cone is pleased to extend its partnership with Oritain across its global platform to further support our customers in light of the recently enacted Uyghur Forced Labor Prevention Act.

"Cone Denim has worked aggressively over the past year to fully leverage our access to Oritain technology and increase transparency with our customers related to the origin of cotton used in our products," said Steve Maggard, President Cone Denim. "Traceability and transparency are no longer industry buzzwords, but strong-held values

fast becoming the gold standard. Through our partnership with Oritain, we can provide scientific verification of cotton origin as well as periodic audit results that prove our claims to be true and that are admissible in a court of law. Accountability is key in Cone's commitment to respecting human rights. We have been taking necessary steps prior to the passing of the Uyghur Forced Labor Prevention Act, and we will continue to lead the industry in these crucial efforts."

The Uyghur Forced Labor Prevention Act, which prevents any materials or goods that have been wholly or partially mined, produced, or manufactured in the Xinjiang region of the People Republic of China from entering the U.S., was passed by Congress and signed into law by President Biden last month. Amidst the passing of this important bill, customers can be assured with scientific confidence that Cone Denim products do not contain any cotton from prohibited regions. The brand is proud to have completed more than a year's worth of extensive and conclusive audits using Oritain technology. Cone Denim began its partnership with Oritain in September 2020. Through this partnership, Cone has completed multiple audits showing that all samples an-

alyzed across Cone operations in China and Mexico were compliant. Zero samples were identified as coming from a restricted risk area, which were randomly selected by an independent third-party collection agency. Oritain's unique method combines forensic science and statistics to detect naturally occurring elements in the cotton itself, eliminating the need for additional foreign tracers such as spray or particles. Soil composition and other environmental factors give the cotton an inherent fingerprint specific to each location. Once these 'Origin Fingerprints' have been created, they cannot be tampered with, replicated, or destroyed unlike other traceability systems. Product can be tested at any point in the supply chain to verify origin claims. To date, Oritain has mapped over 90% of the world's cotton.

Cone Denim is committed to maintaining a supply chain free of any form of forced labor and will continue to undergo quarterly audits to ensure ongoing transparency and traceability. To learn more about Cone Denim's standard in traceability, visit conedenim.com/traceability or contact your Cone Denim representative.

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AMERICAN BRAND PARACHUTE AIMS TO BE CARBON NEUTRAL BY EARTH DAY 2022

21 Jan '22

US-based premium multi-category lifestyle brand Parachute has shared a list of measurable goals for the next several years, and all of the commitments fall under one of four key pillars: Climate + Earth, Responsible Materials, Ethical Manufacturing, and Diversity, Equity + Inclusion. The company aims to be carbon neutral by Earth Day 2022.

Parachute's new commitments are comprised of short-term and long-term goals that focus on improving operations, sourcing, supply chain and brand offerings. It plans to become certified carbon neutral by April 22, 2022, Earth Day, by measuring and offsetting the company's entire footprint with verified carbon credits. It will also launch its first-ever circular programme, the Recycled Down Pillow, beginning in 2022, made of a recycled cotton shell and filled with sanitised down from returned Parachute pillows.

These include Global Organic Textile Standard (GOTS) certification, to certify cotton materials are free of harmful chemicals, pesticides and residues; Oeko-Tex certification, to certify core products are free of high levels of 100+ harmful substanc-

es; Responsible Down Standard (RDS), to certify down comes from humanely treated ducks and geese; and Forest Stewardship Council (FSC), to certify wood is responsi-



bly sourced.

Parachute will launch Fair Trade Certified products in 2022, with plans to expand the qualifying assortment in 2023, to signify products are made in environments that meet rigorous social, environmental and economic standards. The company will also establish programmes that enable opportunities for diverse talent across its platforms, partners and employees. This includes initiatives like Home for Dreams, estab-

lished in the fall of 2020 that offers mentorship, grants, and brand amplification support to Black-owned businesses.

“At Parachute, we have always put a

focus on sustainability, and we take pride in offering premium quality, long-lasting and responsibly-made products that our customers can feel good about. Now, we are taking that one step further by publicly setting actionable goals that we believe will benefit employees, partners, customers, and our planet,” said Ariel Kaye, founder and CEO of Parachute. “We know there is a lot of work ahead of us, but we believe in doing our part to help create a sus-

SHAREHOLDERS' MEETING OF SPRING GROUP SUCCESSFULLY HELD

21 Jan '22

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The company will double down on responsible material certifications for products to further advance Parachute's commitment to a more sustainable supply chain. These include Global Organic Textile Standard (GOTS) certification, to certify cotton mate-

rials are free of harmful chemicals, pesticides and residues; Oeko-Tex certification, to certify core products are free of high levels of 100+ harmful substances; Responsible Down Standard



(RDS), to certify down comes from humanely treated ducks and geese; and Forest Stewardship Council (FSC), to certify wood is responsibly sourced.

Parachute will launch Fair Trade Certified products in 2022, with plans to expand the qualifying assortment in 2023, to signify products are made in environments that meet rigorous social, environmental and economic standards. The manufacturers of its GOTS certified products must meet criteria of the Inter-

national Labour Organisation (ILO), United Nations Guiding Principles on Business and Human Rights (UNGPs), and Organization for Economic Cooperation and Development (OECD).

These rules protect workers and ensure that every step of the supply chain uses ethical practices. Now, we are taking that one step further by publicly setting actionable goals that we believe will benefit employees, partners, customers, and our planet," said Ariel Kaye, founder and CEO of Parachute. "We know there is a lot of work ahead of us, but we believe in doing our part to help create a sustainable future for our industry."



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COASTAL STYLE MEETS PANTONE 2021 COLORS

Looking for a coastal style for your home interior but also want to keep it on trend with the Pantone 2021 colors? Look no further as Aqua by Design have a Nautical Grey Collection that embraces both grey and yellow into their range of fabric design and interior accessories. If you are looking for a full style transformation, you can buy fabric by the metre, or opt into their soft furnishings service of roman blinds, curtains and



box seating cushions. This fabric is also available as outdoor fabric, so you can extend into your garden with waterproof outdoor cushions, deckchair slings and even a bit of

bunting can cheer up a tired corner of the garden.

For just a splash of coastal vibe in your home, you can add some home accessories such as oven gloves, tea

towels, cushions or zipped pouches. These also make lovely summer gifts for friends and family.



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THE GATEWAY TO THE WORLD CNR HOME TEXTILES EXHIBITION

The home textiles industry with exports worth 90 billion dollars is one of the highest exporting industries in Turkey. Regarding design and production power, Turkey is the fourth largest home textiles manufacturer in the world following China, India, and Pakistan. As the world's fourth largest exporter country, Turkey has a 3.6 percent share in the world market. CNR Home Textiles Exhibition, which is the biggest supplier of Europe and also exports to 120 countries, is the most important gathering of the Turkish home textiles industry. The exhibition is organized to increase the commercial capacity of the industry and its share in the world home textiles exports. Organized by CNR Holding subsidiary, Istanbul Trade Fairs, CNR Home Textiles Exhibition has the distinction of being the world's second largest exhibition in its field, and is getting prepared to open its doors.



HOME TEXTILE WORLD GATHERS

One of the world's two largest exhibitions dedicated to home textiles and decoration, CNR Home Textiles Exhibition - Istanbul International Home Textiles Exhibition, will take place with the participation of more than 1.000 brands. The 26th edition of the exhibition, to be organized with the cooperation of CNR Holding subsidiary, Istanbul Trade Fairs, will welcome 120 thousand buyers, 50 thousand of whom

are foreigners, from 120 countries. Supported by the Ministry of Trade and KOSGEB (Small and Medium Enterprises Development Organization of Turkey), CNR Home Textiles Exhibition will be home to one of the biggest buyer delegation programmes in the Turkish trade fair industry. Buyer Delegation B2B



Matchmaking Programme to be held by CNR Holding will enable high-capacity and long-lasting trade agreements.

CNR Home Textiles Exhibition will offer a wide range of products from tulles to curtain systems, bathroom products, bedding and sleeping

room textile, upholstery, kitchen and dining room textile. The exhibition will unite home textiles and decoration manufacturers with domestic and international importers, exporters, wholesalers, retailers, interior architects, purchasing agents from hotels and decorators for 5 days.



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DON'T LET THE BEDBUG'S BITE: HOW POLYGIENE CAN HELP US HAVE A SAFER NIGHT'S SLEEP

Every night we shed millions of microbes every hour, and most people admit to not washing their bedding often enough. But laundering bed sheets can actually make the problem worse. By stopping the growth of microbes and keeping bedding fresh for longer, Polygiene provides a much-needed solution.

On average we spend around a third of our day in bed – which works out at around 240 hours a month – and most experts recommend washing our bed sheets every one or two weeks, depending on how often we shower. Yet, according to studies undertaken in the past year, the average person in the US changes their bed sheets roughly every 24 days¹, while in the UK 30% of people admit to washing their sheets just once a year². These habits can cause danger to our health, says microbiologist and author Jason Tetro, known to many as the ‘Germ Guy’. The biggest issue we have as humans when it comes to microbes is the fact that we’re coated in them,” he explains. “And we shed millions every single hour, even if we are just simply sitting down on the couch, for example. So when we’re in a bed, we’re continually sloughing off microbes that are going to get into the sheets. “Now, if you happen to be in the middle of a desert it doesn’t matter because there’s no liquid, and as a result the bugs are going to die. But the majority of us live in areas where there’s a humidity that is about 40% to 60%, and usually higher. And in

these conditions those microbes will grow. Then, if you add in sweat and other secretions that come from our bodies, it gives food to these microbes. So over time they will grow, and, depending on the species, potentially lead to a risk of some kind of infection. That could be a skin infection like cellulitis, or it could be a respiratory infection from pillows.” Tetro acknowledges that some bedding and mattress companies play on people’s fears about the number of microbes we shed while asleep, encouraging us to buy new items. And he notes that while there are millions of bacteria present on your sheets, most are not going to harm you. However, he stresses that the more time we spend in bed, the more bacteria get into our sheets, and therefore the more likely it is that we may suffer an infection.

But is laundering our bedding more often the only answer? Here again, Tetro urges caution. “A lot of people look to washing as being the solution here. However, washing machines can become contaminated when we use cold water – this has been known since way back in the 1970s when several studies looked

into this^{3,4}. So, unless every four or five times you’re running a hot water cycle with bleach, your washing machine could actually be a vehicle for spread.” He adds: “Ideally, you want to have something that is passively disinfecting within the sheets themselves, so they can be used over a longer period of time. And what we’ve learned is that silver, which has been used for over 6,000 years, has that ability to control the level of microbial growth.” And this is where Polygiene comes in. Polygiene BioStatic™ antimicrobial technology is based on a silver salt solution, embedded in the fabric, which stops odor at the source by permanently inhibiting the growth of bacteria*. This means products stay fresh and hygienic for longer and can still be washed less frequently. All this helps explain why a growing number of bedding and mattress brands are treating their products with Polygiene BioStatic Stays Fresh technology. Chinese brand 8H, for example, recently launched a new flagship mattress treated with this technology. The company also offers pillows, as well as bedding sets and quilted mattress pads featuring



Home Textile Times

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Polygiene BioStatic. Other bedding brands partnering with Polygiene include Estonian company Dreamsville, and Danish brands Dawn Designs and Nordifakt. Many of these companies are now also turning to Polygiene ViralOff™, an antimicrobial treatment sparked by Covid-19 that reduces over 99% of microbes in a treated material or product**. This technology enhances a prod-

uct's hygiene and protection qualities – as well as extending its life, as with all Polygiene treatments.

Dreamsville, which is now treating its products with both Polygiene BioStatic™ and Polygiene ViralOff™, states: "Our Polygiene treated weighted blanket requires a lot less washing, which saves water, energy, time and money, and it improves the

lifespan of the blanket so you can enjoy it longer."

And it's not just bedding. More and more sleeping bags are also being treated with Polygiene, from brands including Trangoworld from Spain, Aura from Poland, Rab from the UK and Nomad from the Netherlands.

MEDIA RELEASE

17 January 2022

Archroma, a global leader in specialty chemicals towards sustainable solutions, and Jeanologia, a world leader in sustainable and efficient technology development, joined forces to launch an eco-advanced alternative to the denim fabric washing process, including in some cases the mercerization, one of the most water-intensive and pollutant processes of denim fabric finishing. The production of denim requires a succession of several steps aimed at imparting the qualities we love in our favorite pair of jeans. Caption: The production of denim requires several steps aimed at imparting the qualities we love in our favorite pair of jeans. (Graphic: Archroma) It all starts with the spinning step where the cotton is turned into yarn. The second step is a pretreatment that will prepare the yarn for the dyeing step. The dyed yarn then goes through the sizing process, which is a treatment preparing it for weaving. At this stage, we have obtained a denim fabric that will go through a

few more steps. First, the fabric may undergo a washing treatment or, in some cases, mercerizing treatment which consists of treating it with caustic soda in order to obtain a more lustrous, flat and less reddish blue and black denim. In both traditional ways to clean the fabric, washing or mercerizing, multiple highly water intensive washings are required in order to restore optimal fabric pH and remove unfixed dyestuff and any undesired deposits or impurities from the fabric. One of such impurities released in the washing process is aniline, a substance that is classified as a category 2 carcinogen and considered toxic to aquatic life. That is why Archroma and Jeanologia decided to team up and develop an alternative to the traditional fabric cleaning process and its subsequent water-intensive and water-polluting washings. The breakthrough alternative to the fabric cleaning concept presented by Jeanologia and Archroma combines the use of the aniline-free* PURE INDIGO ICON dyeing system of

Archroma, and the water-free** and chemical-free "G2 Dynamic" finishing technology of Jeanologia. The Archroma PURE INDIGO ICON is based on an innovation launched by the company in May 2018: its aniline-free* Denisol® Pure Indigo. Aniline is a key ingredient to make the indigo molecule. Unfortunately, during this process some aniline impurities are carried through into the indigo dyestuff. When the indigo is dyed on the fabric, a lot of the aniline impurity is locked into the pigment in the fabric. The remainder of the aniline impurity, approximately 300 metric tons annually, is discharged during dyeing. This can be an issue as aniline is toxic to aquatic life. In addition, exposure levels to factory workers can be high. The same time saving costs at the mill and eventually at the garment finishing facilities. This technology makes fabric more stable and consistent and prepares the fabric better for the use of other technologies like laser. As presented a few months ago in partnership with Archroma, this machin-



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ery can be used along with Pad-Ox technology to help cleaning fabric thus improving fastness results, at room temperature with The Archroma/Jeanologia solution allows to create aniline-free* denim, and improve the final aspect of the fabric through a fully chemical-free and almost wa Caption systems such as INDIGO REFLECTION or PURE UNDERSTONES. Umberto Devita, Business Development Manager at Archroma's Competence Center for Denim & Casual Wear, who was the project leader for this new development, comments: At Archroma, we strive to develop solutions in line with our principles of "The Archroma Way to a Sustainable World: Safe, efficient, enhanced, it's our nature". It was therefore very inspiring to work with a partner who shares the same values of developing efficient new processes to bring all know-how to our customers to



maximize value – for denim that looks as good as the good it creates." For Jean-Pierre Inchauspe, Business Director of G2 Dynamic at Jeanologia, "this association is another step to change traditional, more polluting and water consuming processes in the textile industry for new ones using technology, improving, and

boosting subsequent production stages up to the finishing of the garment, making them more efficient and allowing companies to be more competitive, increase productivity and offer a product that is completely sustainable with high quality."



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ECOVADIS UPGRADES INNIO JENBACHER RATING TO GOLD MEDAL FOR CONTINUED COMMITMENT TO GLOBAL SUSTAINABILITY

INNIO Jenbacher achieves upgrade from Silver to Gold Medal Rating in less than one year

- EcoVadis recognizes INNIO Jenbacher's demonstrated performance in sustainable improvement and growth
- EcoVadis Gold Medal validates INNIO Jenbacher's commitment to transparency and sustain-



ability practices

January 25, 2022 – INNIO today announced that its Jenbacher business unit has been recognized by EcoVadis with a Gold Medal as part of its annual sustainability performance rating, placing INNIO Jenbacher in the top 1% of

industry peers evaluated by EcoVadis. EcoVadis awarded INNIO Jenbacher the upgrade from a Silver to a Gold Medal rating for its demonstrated improvements and contributions towards sustainable growth in the past year.

Performed annually, EcoVadis'

assessment focuses on 21 issues grouped into four key themes: Environment, Labor & Human Rights, Ethics and Sustainable Procurement. These criteria are based upon international sustainability standards, including the Global Compact Principles, the Inter-

national Labour Organization conventions and the Global Reporting Initiative standard.

As a global provider of sustainable energy solutions across the energy value chain, we focus on continuously improving our sustainability practices to ensure we reduce both our emission levels and our carbon footprint. We commit to critical voluntary leadership organizations, such as EcoVadis to ensure that our products, services, and operations pass stringent sustainability tests. Being upgraded to a Gold Medal rating in less than a year by EcoVadis validates that our sustainability strategy is working.

Olaf Berlien, president and CEO of INNIO The upgrade to a Gold Medal rating reflects INNIO integrating and elevating sustainability efforts in 2021. INNIO's accomplishments included the following:

- Formalizing our commitment to Human Rights and Diversity, Equity & Inclusion

through company guidelines and trainings.

- Publishing our inaugural Sustainability Report, "Together for A Sustainable Future".
- Identifying a set of material topics and metrics aligned with those set out by international frameworks, including the GRI, the Sustainability Accounting Standards Board and the Greenhouse Gas Protocol.
- Implementing measures, guidelines, policies and initiatives to strengthen transparency and sustainable growth in INNIO's supply chain.

The depth and breadth of these advances are reflected in INNIO Jenbacher's recent accomplishment of International Organization for Standardization (ISO) recertifications that include ISOs 45001, 14001, 9001 and 50001, affirming INNIO's commitment to continual growth and its demonstration of exceptional and reliable quality, efficiency,

sustainability, and occupational health & safety practices.

About INNIO

INNIO is a leading provider of renewable gas and hydrogen-rich solutions and services for power generation and compression at or near the point of use. With our Jenbacher and Waukesha products, INNIO helps to provide communities, industry and the public access to sustainable, reliable and economical power ranging from 200 kW to 10 MW. We also provide life-cycle support and digital solutions to the more than 53,000 delivered gas engines globally, through our service network in more than 100 countries. We deliver innovative technology driven by sustainability, decentralization, and digitalization to help lead the way to a greener future. Headquartered in Jenbach, Austria, the business also has primary operations in Welland, Ontario,



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