

Textile Times®

Winter January Edition 2020 / Winter Januar Ausgabe 2020

INTERNATIONAL



LENZING™
EcoVero™


TRUST IN ECO-RESPONSIBLE VISCOSE

www.lenzing-fibers.com

The new standard
in eco-responsible
viscose

Lenzing

Innovative by nature



PULCRA CHEMICALS –
SUPPLIER OF INNOVATIVE
SPECIALTY CHEMICALS
WITH PROFOUND
PROCESS AND ENGINEERING
KNOW-HOW.

info@pulcrachem.com
www.pulcra-chemicals.com

Pulcra Chemicals
The solution specialist

REGION'S LARGEST & MOST SUCCESSFUL TECHNOLOGY EXPO



**INT'L B2B
TEXTILE MACHINERY,
CHEMICAL & ACCESSORIES BRAND EXPO**

18-19-20 JAN 2020
KARACHI EXPO CENTRE

23-24-25 JAN 2021
KARACHI EXPO CENTRE

DISPLAYING THE LATEST INNOVATIONS FROM COUNTRIES AROUND THE WORLD WITH MORE THAN 810 MAJOR PARTNER BRANDS



SECTORS

Spinning	Carpet	Packaging
Knitting	Flexible Materials	Lift Up
Weaving	Nonwovens	Industrial Equipment
Dyeing	Washing / Laundry	Electrical Components
Finishing	Water Technology	Garment Accessories
Technical Tex.	Automation	Yarn
Digital Printing	Power Tools	Alternate Energy
Garment	Safety & Security	Denim
Embroidery	Chemical &	
Sports Wear	Dyes & Auxiliaries	
Leather	Lab Equipment	
Shoes	Graphic System	



The Only Expo With Live Combination of Vast Machinery & Product Display



GLOBAL ENTERPRISE
Exhibitions Trade Pakistan
+92-21-34931555
+92-3333005885
+92-3009248936
info@gtexglobal.com
www.gtexglobal.com

The Business Opportunities Are Infinite

One Source, Infinite Opportunities



The 13th International Garment & Textile Machinery Exhibition and Conference

11th, 12th, 13th, 14th March 2020

Expo Centre Lahore

Pakistan's Pioneer Exhibition of Textile Technology



To Book
Your Stand
Scan Here

ORGANISER



CO - ORGANISER



CONFERENCE & EXHIBITION
MANAGEMENT SERVICES PTE LTD

STRATEGIC PARTNERS



TEXMAP



PAKISTAN TEXTILE JOURNAL



APTMA

SUPPORTING BODIES



PRGMEA

APTMA

MEDIA PARTNERS



TEXTALKS INTERNATIONAL



TEXTILE TIMES

021-35810637-38-39 | enquiry@igatex.pk | www.igatex.pk

TEXWORLDDENIM

Denim
for every
season

10 - 13 February 2020

the **fairyland** for fashion
Paris le Bourget, France

www.texworld-paris.com



messe frankfurt

IMPRESSUM

Textile Times

Tex Mach International Publishing
1183-House, Street 1
Sector G-9 / 2
Islamabad- 44000
PAKISTAN

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

Editorial Board

Mr. Noor -Ud-Din Jehangir Khan
President (Engr)

Salma Ayesha
Chief Advisor

Mr. Waseem J. Khan
Editor-in-Chief & Publisher
B.Sc Textile Engineer – Pakistan
M.Sc Textile & Clothing – Germany
M.Sc Engineering Economics – Germany

Shaheena Khan
Media Director

Legal Consultant
Qureshi Law Associates

Board of Advisors

Mr. Raheel J. Saify
Vice President Sales & Marketing
Al Karam Textile Mills (Pvt.) Ltd

Mr. Wahid Tumbi
Director Exports
Orient Textile Mills

Ms. Resham Shahzad
Director
Arshad Group

Mr. Feroze Alam Lari
President
Afroze Textiles

Mr. Rayyan Ashraf
Director
KAM International

Mr. Kashif Amin
Manager Designing & Circulation

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

CONTENTS

Editorial	9
Global Textile and Clothing News	10
ISPO Trend Report Sport becomes a synonym for health	21
ITME africa 2020: great expectations for the italian textile machinery	24
Messe Frankfurt and Inexmoda launch Heimtextil Colombia,	25
Denim Première Vision Heads To Berlin In November 2020	27
Quality over quantity: anniversary edition of Heimtextil	28
Uzbekistan to phase out state monopoly in cotton trading	29
Pak PM directs urgent measures to increase cotton produce	30
Pakistan withdraws all duties, taxes on cotton import	32
Indonesia to import more than \$65 million worth US Cotton	33
Pak cotton production estimated at 9.451 mn bales	34
US-China Phase I trade deal to boost US cotton exports	35
Egyptian Cotton & Textile Industries to merge subsidiaries	35
ANDRITZ at IDEA 2019	36
Saurer to show Autoairo in Asia for the first time at 2nd CIIE	39
First Information on the Financial Year 2019	40
Versatile and functional textiles	45

Supporting Associations



CONTENTS

9 Things To Consider When Developing a Wet Testing Laboratory	48
Direct Link 4.0: The new DORNIER Customer Portal myDoX®	50
SDL Atlas Welcomes STEPHETEX as Exclusive Distributor for France	54
Huntsman Textile Effects To Feature Comprehensive	62
Lucky Textile Mills Limited recently achieved	67
From O as in OVJA to S as in spinitsystems	63
Global Home Textile Market Forecasts, 2019-2024 Market	70
hriving global denim trade, dominated by Asian economies	72
PG Denim to present new concepts at Munich Fabric Start	76
Liu Jo takes first step towards sustainability with Better Denim collection	78
INNIO acquires BHKW & Energie Group:	80
Topping out ceremony The roof is up	81



Appears Monthly, By subscription see separate subscription form with the acceptance of the complete data, original articles & statistical analysis for publication the exclusive right to publish & translate is transferred to TMI publishing.

Reprinting or photomechanical reproduction, computer memorisation or reproduction through the electronic media, wholly or in part, is permissible only with the approval of the publishing house of TMI. No printing claims for ads are acceptable if the advertiser has not provided the printed proof. No liability is accepted for unsolicited manuscripts sent in.

Govt. Registration
7741 / 2 (90) - Press - 2009
© Copy Rights 2020

Printed at: PanGraphics (Pvt) Ltd.
Islamabad-Pakistan

Title Story



TENCEL™ is Lenzing's flagship brand for textiles. Used for a variety of highly specialized applications, the benefits of TENCEL™ fibers can be discerned instantly: Soft to the skin, smooth to the touch, luxurious in shine and flow—they caress the senses. And convince minds with their exceptional capacity for thermal regulation and moisture absorption.

Subscription:- **Textile Times** is Published -monthly by TEX MACH Publishing. The Annual Subscription costs US \$120 / Euro100(Air mail). For local Clients Pak Rs.4000/-

It takes three to four weeks for delivery.

Publisher reserves the right to refuse any subscription.

SHAPING THE FUTURE BY BEGINNING TODAY



As a global company, we believe that we can play a vital role in communities in which we operate. We understand individual needs and concerns of underserved people. With this insight, we support the social and economic development of these communities by leveraging our key business strengths that include our institutional knowledge, experience, our employees' talent and time, and our social investments. Specifically, we contribute to education and health while promoting employee volunteering and fostering awareness of environment conservation.

www.yunustextile.com



heimtextil



editorial

Dear Readers,

Welcome to our First Edition of the year.

With a content-driven programme, the 50th edition of Heimtextil delivered strong impetus for the start of the new furnishing season. Sustainability was placed firmly at top of the agenda, outshining all other topics. 63,000 visitors gathered information about the major themes dominating the international industry from 2,952 exhibitors at the world's leading trade fair for home and contract textiles. As expected, the unusually early date led to a drop in visitor numbers.

The industry is currently facing huge challenges. And some of those taking part at Heimtextil have really felt this. However: exhibitor satisfaction has remained at the same high levels as last year**. And visitor satisfaction has even increased from 93 to 95 per cent. In addition to the early date, the reasons behind the reduced visitor numbers are mainly down to strong consolidation of specialist shops and developments in the stationary retail trade in the direction of e-commerce. The trend has also experienced an economic slowdown', explains Detlef Braun, CEO of Messe Frankfurt. ‘

With the presence of 231 exhibitors, Pakistan has become the 4th largest country to participate in the Heimtextil 2020 Trade Fair that started in Frankfurt (Germany).

“Pakistan is the 4th largest country at the show after Germany, China and India,” said a press statement received here.

The 50th edition of Heimtextil, the international trade fair for home and contract textiles once again

sparkled with the world's largest product range for textile interiors and its unique presentation of the hottest trends, according to press statement.

This year, 3,041 exhibitors from 65 countries exhibited with increase in number of visitors each day. From Pakistan, 231 exhibitors are participating directly as well as through Trade Development Authority of Pakistan (TDAP).

Meanwhile, the participants have expressed satisfaction over the arrangement of the exhibition. Shaiq Jawed from J.K. Spinning Mills and Executive Committee All Pakistan Textile Mills Association (APTMA) said that the fair was going well as there were much more visitors this time, expressing the hope that they would get more orders from this edition.

The Heimtextil 2020 results shows that there will be a massive demand of Home Textiles from Pakistan this year, that will increase Pakistan's Textiles exports drastically.

Likewise, Waqas Ali from Best Exports and Executive Committee Pakistan Textile Exporters Association (PTEA) said that Heimtextil fair provided an opportunity to Pakistani businessmen to deal with new customers, engage with existing ones and share business details with them.

WASEEM J. KHAN
Editor in Chief

Global Textile & Clothing News



APTMA seeks 5-yr policy for textile & clothing

The All Pakistan Textile Mills Association (APTMA) Punjab senior vice chairman Abdul Rahim Nasir recently urged the Pakistani government to come out with a five-year policy for textiles and apparel to attract long-term investment. He was speaking to a delegation of Trade & Development Authority of Pakistan (TDAP) at the APTMA Punjab office.

Nasir said the textile industry is planning to set up as many as 1,000 garments plants near major textile producing cities, including Lahore, Sheikhpura, Faisalabad, Kasur,

Multan, Sialkot, Rawalpindi, Karachi, and Peshawar, according to Pakistani media reports.

He urged the government should allow long-term finance facility to both direct and indirect exporters for building infrastructure in addition to existing scheme for plant and machinery.

He said the prospective investors reluctant to make new investment decisions due to high cost of doing business and textile industry had lost technological advantage over competitors. The competitors were giving various investment incentives to promote investment, production and exports.

He lamented that Pakistan's textile and clothing export share in global trade had dropped from 2.2 per cent to 1.7 per cent, and therefore, fresh investment is an urgent need.

Pak releases Rs 81.132 mn for textile industry development

Pakistan's ministry of planning development and reforms has so far authorised release of Rs 81.132 million for various development projects in the textile industry under its Public Sector Development Program (PSDP) for fiscal 2019-20. This includes releasing Rs 2.828 million for development



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

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

TEXWORLD
PARIS

**The
International
Fair For Fashion:
Fabrics, Trims,
Accessories**

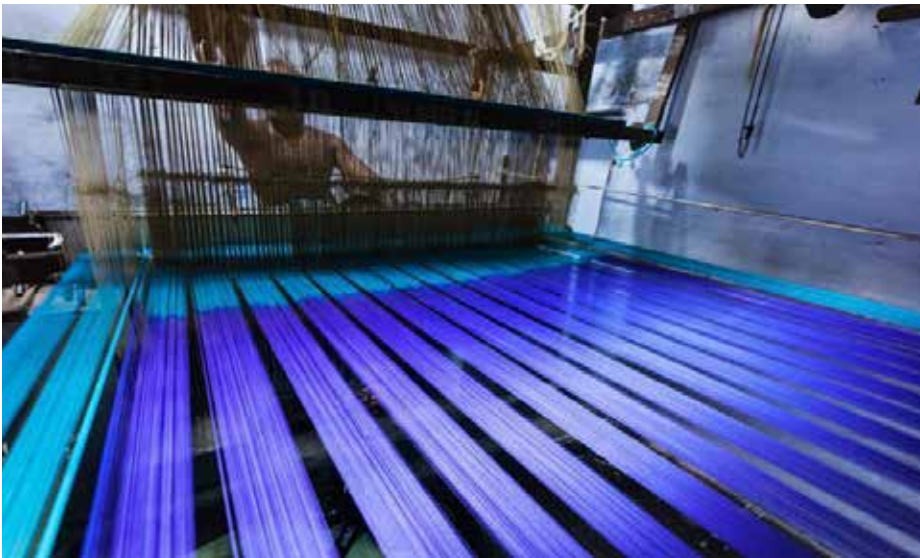
10 - 13 February 2020

the **fairyland** for fashion
Paris le Bourget, France

www.texworld-paris.com



messe frankfurt



projects of the Faisalabad Garments City Training Centre.

The total allocation to the ministry is Rs 202.828 million.

Release of Rs 78.304 million for 1,000 industrial stitching units across the country has also been authorised, according to Pakistani media reports.

PAK FBR directed to ease tax process for textile sector

Adviser to Pakistani prime minister on finance and revenue Abdul Hafeez Shaikh recently directed the Federal Board of Revenue (FBR) to take suggestions from textile exporters and simplify the H-Form to expedite the processing and payment of sales tax refunds to exporters. He was attending a meeting of the All Pakistan Textile Mills Association (APTMA). He also directed FBR to expedite the payment of nearly Rs 10 billion worth of customs duty

drawback to the exporters. Shaikh told the exporters that the government is not at all interested in keeping their money held up for long, according to Pakistani media reports. Adviser to the prime minister on institutional reforms and austerity Ishrat Hussain; adviser to the prime minister on commerce, textile, industry and production Abdul Razak Dawood; chairman of the task force on textile Ali Habib; FBR chairman Syed Shabbar Zaidi; former finance minister Shaukat Tareen and

finance secretary Naveed Kamran Baloch were also present at the meeting.

2nd phase China-Pakistan FTA comes into effect this month

The second phase of the China-Pakistan Free Trade Agreement (FTA) became effective this month, allowing Pakistan to export over 300 new products on zero duty to China. All legal formalities to start its implementation have been completed by the two sides, which signed a protocol in that regard during the last visit of Prime Minister Imran Khan to China.

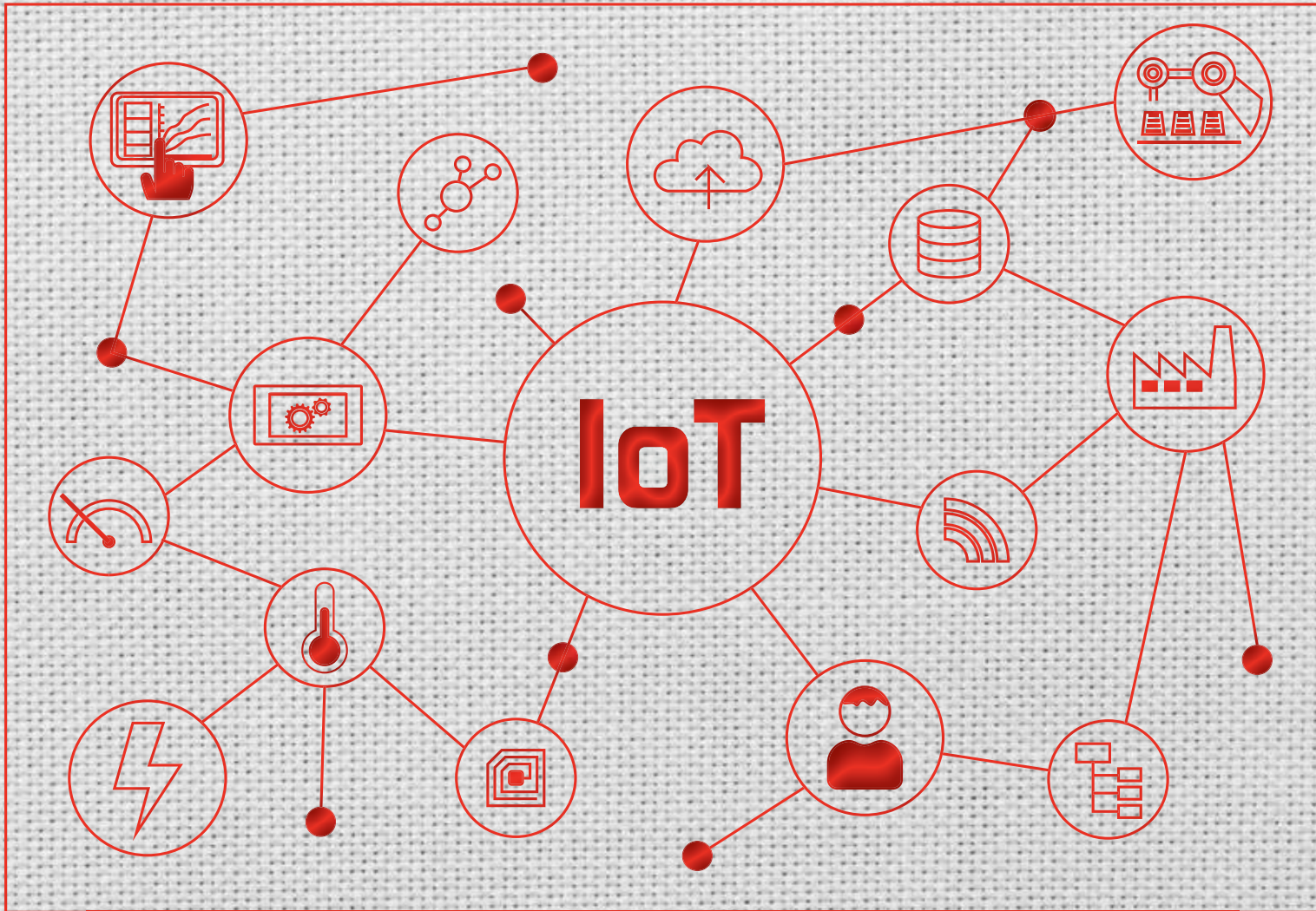
Pakistan is already enjoying zero duty on export of 724 products to China under the first Free Trade Agreement signed between the two countries in 2006, according to Pakistani media reports.

Cotton arrival at Pak ginneries down 21.09% as on Dec 15



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

T: +44 (0)161 775 5740
F: +44 (0)161 775 5485
E: btma@btma.org.uk
www.btma.org.uk



We are your partner on the way into the digital world and the smart factory:

-



SedoTreepoint



Over 7.861 million bales of cotton have arrived in 2019-20 season at various ginneries in Pakistan, as on December 15, 2019, down 21.09 per cent over arrival of 9.962 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 decreased by 24.52 per cent year-on-year to 4.467 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 decreased 16.08 per cent to 3.394 million bales as on December 15 during the ongoing cotton season 2019-20. If the total arrival of 7.861 million bales at various ginneries in Pakistan, 7.543 million bales were pressed by

ginners, of which 6.588 million bales were sold, leaving an unsold stock of 954.347 million bales with the ginners, as on December 15, according to the data. The textile mills in Pakistan consumed 6.536 million bales, while another 52.160 million 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 December 15, a total of 320 ginning factories were operational in Punjab compared to 365 ginneries that were operational during the same time last season. Similarly, 104 ginning unit was operational in the Sindh region, compared to 148 operating units during the

corresponding period last year.

Li & Fung & First Insight enter into strategic partnership

Li & Fung, the world's leading consumer goods supply chain solutions partner, and First Insight, the technology company transforming how brands make product investment, pricing and marketing decisions, have announced a strategic agreement. Li & Fung specialises in managing the supply chains of high-volume, time-sensitive goods for retailers and brands.

The partnership will integrate First Insight's voice of the customer analytics into Li & Fung's digital product development solution, enabling brands and retailers to select, price and buy designs with greater confidence, increasing sell through and reducing mark downs, according to First Insight. As part of its vision to create the supply chain of the future, Li & Fung is developing a fully-integrated digital supply chain platform that connects brands and retailers with suppliers and other partners seamlessly with end-to-



Swissmem
Pfingstweidstrasse 102
CH-8005 Zürich

Tel. +41 44 384 41 11
Fax +41 44 384 42 42
info@swissmem.ch



THE CHEMICAL SIDE OF TEXTILES

**ADDING PASSION
TO TEXTILES.**

TANATEXCHEMICALS.COM

TANATEX[®]
CHEMICALS 

end data capture and visibility. Its industry-leading 3D virtual design services are disrupting traditional product development.

From design, blocks and patterns, product development and fitting, to digital catalogues, and 3D retail and visual merchandising, Li & Fung is replacing physical with digital. Now with First Insight's digital consumer testing it can review consumer insights making informed changes early in the product development phase – helping brands make decisions smarter and faster. First Insight created the first digital product testing solution in 2007, enabling brands and retailers to combine the voice of their customers with advanced AI and predictive analytics to improve the performance of, and reduce the risk associated with, new products. Predictive feedback from customers can be delivered in 24-48 hours, helping hundreds of brands and retailers to bring the right products to market, at the right price and in the right quantities, improving sell-through and reducing waste.

The Li & Fung-First Insight partnership will deliver an end-to-end digital product development solution, from the initial design concept to the finished product.

Benefits to brands and retailers include higher confidence in selecting designs that consumers want, at the prices they will pay; higher responsiveness in their

value chain – demand driven, rather than supply driven; faster speed-to-market; specific design feedback by region, retailer and customer demographic; reduced markdowns; increased sell-throughs and margins; reduced cost in physical samples, reduced fabric wastage and airfreight; and improved sustainability for the business and environmental footprint.

“At Li & Fung, we help brands and retailers digitise design and bring the right products to market quickly and efficiently. We have been investing in our digital product development services for the past three years, bringing together technologies that support our goal of creating the supply chain of the future. First Insight brings the leading digital consumer product testing solution and we are using it to complement our digital services and help our customers improve sales and margins,” Spencer Fung, group CEO of Li & Fung said.

“For the last 12 years, First Insight has been helping hundreds of retailers and brands use voice-of-the-customer data and predictive analytics to improve their operations – from product design to buying to pricing.

Li & Fung is the unquestioned global leader in sourcing and delivering innovative digital supply chain solutions to the retail industry. The combination of our solutions creates a global

supply chain that is fast, accurate and efficient. We are excited to be partnering with Li & Fung for the benefit of retailers and brands throughout the world,” Greg Petro, CEO of First Insight said.

YKK products to be integrated with Browzwear 3D solutions

YKK's fastening products will be integrated with Browzwear's 3D solutions enabling designers to incorporate 3D models of YKK products into their designs, freely moving and visualising them in photo-realistic 3D as they create. Additionally, the specifications for fasteners will be included in Browzwear's Tech Pack with rest of manufacturing instructions.

YKK, a global leader in fastening solutions, including zippers, plastic hardware, hook and loop fasteners, webbing tapes, and snaps and buttons, is among the growing number of prominent companies in the industry to partner with Browzwear to facilitate creative design and speed time to market. Both companies also share a commitment to driving innovations for more sustainable processes and practices for apparel businesses.

“At Browzwear, we are constantly building partnerships and developing new solutions that will streamline the design process for our clients from concept to



ACIMIT
Via Tevere, 1
20123 Milano (ITALY)

PH: +39 02 46.93.611
FAX: +39 02 48.00.83.42
EMAIL: info@acimit.it



We offer end to end solutions for the following:

New & Used Textile Machinery

Textile Raw Material

Machinery For Regenerated Fiber

Machinery For Non-Woven Textiles

Technical Textiles

Power Generation

Relocation & Joint Venture

Project Management

**Engineering, Procurement, Construction
And Commissioning (Epcc)**



Olympia (Private) Limited

Certified: ISO 9001:2008, ISO 14001:2004, OHSAS 18001:2007

22-G, Gulberg-II, Lahore – Pakistan.

Tel: +92-42-35787971-73; Fax: +92-42-35787974; Mob: +92-300/+92-321 8489033

E-mail: sales@olympiainternational.com; Web: <http://www.olympiainternational.com>



commerce,” said Sharon Lim, co-founder and CEO of Browzwear. “A zipper may seem simple but designing and manufacturing with that zipper is actually complex. With YKK’s products available in our platform in true-to-life 3D, we’re changing that, and we feel confident that our customers will benefit from the ability to work faster and smarter.”

“Browzwear, which shares YKK’s vision for a more innovative, sustainable and efficient fashion industry, is an ideal partner for us. We look forward to working closely with the company to build pioneering solutions that will achieve those goals,” said Takashi Tsukumo, vice president, global marketing group, YKK Corporation. The first stage of the YKK integration will be available in the January product update. The YKK catalogue will be incorporated in phases, with new products added in each of Browzwear’s software updates.

Founded in 1999, Browzwear is

a pioneer of 3D digital solutions for the fashion industry, driving seamless processes from concept to commerce. For designers, Browzwear accelerates collection development, opening limitless opportunities to create iterations of styles. For technical designers and pattern makers, Browzwear rapidly fits graded garments to any body model with accurate, true-motion material replication.

For manufacturers, Browzwear’s Tech Pack delivers everything needed to produce physical garments perfectly the first time, and at every step from design to production. Worldwide, more than 650 organisations such as Columbia Sportswear, PVH Group and VF Corporation leverage Browzwear’s open platform to streamline processes, collaborate and pursue data-driven production strategies so they can sell more while manufacturing less, which increases both ecologic and economic sustainability.

Sustainable fashion was high on the

agenda for the heads of the 18 global testing institutes, who gathered in the city for a two-day event to set the quality standards for fashion and textiles. © Shirley Technologies

From summer fashion staples to autumn wardrobe additions: the global standards that shape the quality of the clothes we wear were agreed in Liverpool last month. Lancashire testing company Shirley Technologies hosted an annual event, which takes place in a different country each year. With its history in the cotton trade, Liverpool made for an obvious choice for this year’s event, and Managing Director Stephen Donnelly explained more about the initiative:

“We are part of a global group, Oeko-Tex, made up of 18 independent textiles and leather research and testing institutes from across the world,” he said.

“These 18 organisations are jointly responsible for developing the testing methods for textiles that are used by global manufacturers to make clothing, personal protective equipment, workwear, home furnishings and accessories. The testing methods form the basis of the global standards that protect consumers and the environment and make sure manufacturers are operating within the law.

“For example, we will look at how the fabric used in a garment reacts when it comes into contact with the skin, whether washing releases chemicals into the water



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

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

ITM

2020

İSTANBUL

35TH INTERNATIONAL TEXTILE MACHINERY EXHIBITION

2-6 JUNE 2020

www.itm2020.com

Download ITM 2020
App Store & Google Play



TÜYAP FAIRS INC.
P: + 90 212 867 11 00
F: + 90 212 886 66 98
www.tuyap.com.tr

OWNERS



TEKNİK FAIRS INC.
P: + 90 212 876 75 06
F: + 90 212 876 06 81
www.teknikfuarcilik.com

AUTHORIZED EXCLUSIVE SALES REPRESENTATIVE IN CHINA
SHANGHAI TENGDA EXHIBITION CO., LTD.
Ph: +86-21-60493344 - Fax: +86-21-58499947
info@textenda.com

and whether the chemicals in that garment fall within the allowable limits.”

Made in Green

Mr Donnelly said that an area of significant interest and discussion this year was the *Made in Green* label, a traceable product label for all kinds of textiles, from clothing to home furnishings and accessories. The Made in Green label verifies that an article has been tested for harmful substances and guarantees that it has been manufactured using sustainable processes under environmentally friendly and socially responsible working conditions.

A unique product ID on the label means that consumers can trace the countries and production

facilities in which the article was produced, something Stephen says is becoming increasingly important to consumers.

Rise in ethical clothing brands

“People are moving away from fast fashion and looking for other sustainable and ethically produced clothing,” said Mr Donnelly. “We are seeing a rise in the number of ethical clothing brands, and many of the major fashion brands are keen to prove their ethical credentials to consumers, and it’s important that there are stringent tests and checks in place to test those credentials.”

“It is our job as a group to make sure that the testing process is suitably rigorous to give consumers reassurance that the

clothing they buy is safe to wear and has been manufactured ethically.”

“We are also responsible for setting the allowable limits of chemicals within textiles, and each year we review the quality standards based on guidance from global working groups to see if and where adjustments need to be made to help clothing manufacturers continue to improve the quality of their products.”

Oeko-Tex partners are located in the UK, Spain, Belgium, Italy, Portugal, Denmark, Germany, France, Hungary, Poland, Greece, Austria, Swaziland, Sweden, Slovakia and Japan.



SOORTY
World Of Design

Head Office - Marketing & Sales
Plot 26, Sector 23, Korangi Industrial Area,
Karachi 74900, Pakistan

T : +92 21 35061912 (7 Lines)
UAN : 111 111 735
F : +92 21 35060584 / 35061053

ISPO Trend Report

Sport becomes a synonym for health

- Winter sports trends for 2020/2021
- The winter sports industry is increasingly focusing on sustainability
- ISPO Munich (January 26 to 29) to showcase next season's products

Health will be one of the next decade's megatrends. The sports industry is, for its part, one of the growth drivers, not least because society now views fitness as a synonym for health. In the future, athleticism will have an ever greater bearing on our everyday lives. "Medical fitness" refers to ensuring both a sporty lifestyle and the right medical care tailored to the individual needs. Winter sports are also set to assume a challenging yet important role in the future as a vehicle for teaching values within society. Veit Senner, Professor of Sports Equipment and Sports Materials at the Technical University of Munich, says: "Sports must be used as an emotional Trojan Horse for teaching skills and in particular for teaching values." There are also other challenges that will need to be faced in the next few years: Children and adolescents need to be encouraged to lead more active lifestyles and our aging population needs to be kept fit and mobile for as long as possible. Senner believes that winter sports could hold the key for today's youth: "We need to demonstrate the kinds of educational content and values that

can be taught through sports." Attractive products and services therefore need to be created for children. The latest winter sports trends and products will be showcased at ISPO Munich from January 26 to 29.

Keep on skiing: generation 50+

The aim is to help people enjoy being active again and keep them feeling like that for as long as possible. As such, long-established Italian brand Nordica is launching its new HF ski boot range and breaking new ground in terms of ski boot comfort. The completely reinterpreted easy-access rear-locking boots are comfortable, include a heel support, and are a pleasure to use. "HF" stands for "hands free" and means that

Please observe the following embargo period: Communications regarding the ISPO Award

"Products of the Year" must not be released until 16:30 on January 26, 2020 (following the official award ceremony as part of ISPO Munich).

the double buckle can be easily locked and unlocked from a stand-

ing position with just the use of a ski pole or your other foot. The HF Elite Heat GW model with fully heatable thermic inner boot can be heated to various degrees via a smartphone-controlled app for hours. The ISPO jury crowned this ski boot model the winner in its category.

The winter sports industry is increasingly focusing on sustainability

"The really big trend is for biopolymer fabrics and materials," says Senner. "The idea is to replace the many different types of plastics that are used in the sports industry with biopolymers." Together with his team, he is working hard to conduct in-depth research in both areas. This is a trend which French ski brand Rossignol has also identified, whereby it has focused on the use of raw and recycled materials for the production of its new Black Ops Freeride skis. The Black Ops Sender TI model was crowned the winner in its category by the ISPO Award jury.

Alpina Sports is also exploring new ecological avenues and



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

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

launching a completely sustainable back protector made from 100% sheep's wool, obtained exclusively from sheep in Switzerland and Norway. The back protector, which consists of three layers of pressed sheep's wool, meets the standards for protection class 1 and boasts all the impressive properties that the natural material has to offer: In icy temperatures it remains supple, can both warm and cool the wearer, and is odorless. The ISPO Award jury chose Alpina Sports' "Pro-lan Vest" as the "Product of the Year"* in the Snowsports Hardware category. Swedish label Spektrum uses plant-based polymers made from castor oil as well as corn and recycled polyester for its ski and snowboard goggles. The ISPO Award jury was extremely impressed with both the ecological aspects and the execution and named the "Östra Medium" model the Gold Winner.

Textile manufacturers are giving the winter sports industry an eco-boost

Swedish label Klättermusen impressed the ISPO Award jury so much with its first fully compostable down jacket "Farbaute" that they named it the Gold Winner in the Outdoor category and the winner of the ISPO Sustainability Award. The first 100% biodegradable down jacket biologically decomposes on the compost heap after around three months (all apart from the zippers and a few snap fasteners which can be removed

and reused). When washed it does not release any microplastics into the environment. Norwegian clothing manufacturer Helly Hansen is launching a new membrane technology for winter 2020/2021 which can be produced without any additional chemicals. The microporous Lifa Infinity membrane is made using a

Please observe the following embargo period: Communications regarding the ISPO Award

"Products of the Year" must not be released until 16:30 on January 26, 2020 (following the official award ceremony as part of ISPO Munich).

solvent-free process and, together with a water-repellent Lifa outer material, provides extremely impressive protection from the elements. Helly Hansen's new Lifa Infinity Pro technology also uses the spinning jet dyeing process whereby the color pigments are already injected during the fiber production process. This can save up to 75% water. What's more, no harmful wastewater is produced.

About ISPO

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

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

Messe München

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



PREMIUM BELTING

STOCKIESTS, IMPORTERS, INDENTORS & AUTHORISED AGENTS

Premium Belting Is A Market Leader Offering Transmission Belts Custom-Tailored To Customer Requirements. The Company Provides Transmission Solutions For Many Industrial Applications From Individual Products To Complete System Solutions.

PRODUCT RANGE

Timing Belt | Flat / Tangential Belts | V Belts
V Ribbed Belts | PU Belts | Conveyor Lattice
Linatex Coated Belts | Packaging Belts | Round Belts
Food Grade Belts | Speciality Transmission Belts
Cone Drum Belts | Rotor / Combing Belts
Blower Tapes | Lifting Tapes | Spindle Tape

CARLISLE

BONDS
POWER TRANSMISSION BELTS

NYCO®

We Believe In Transmitting The Solutions

HeadOffice:

Suit No 5 - 7, 5th Floor, Arkay Square,
Newchalli, Shahrah e Liaqat, Karachi.

Tel: 021 32422164/5, 32427465, 32423324

Email: sales@premium.com.pk

Lahore Office:

House No 39/2, Block J, Near Firdous
Market, Gullberg III - Lahore.

Tel: 042 35944517, 0335 0216688

Email: sales.lhr@premium.com.pk

ITME AFRICA 2020: GREAT EXPECTATIONS FOR THE ITALIAN TEXTILE MACHINERY

An Italian textile machinery delegation will be on hand at the upcoming ITME Africa, to be held in Addis Ababa from 14 February to 16 February 2020.

Ethiopia is an emerging production hub for the global textile and garments industry. Cheap labour costs, free trade agreements with major Western markets and a constantly growing economy have made this Sub-Saharan African Country an important destination for the manufacturing of garments by major fashion brands.

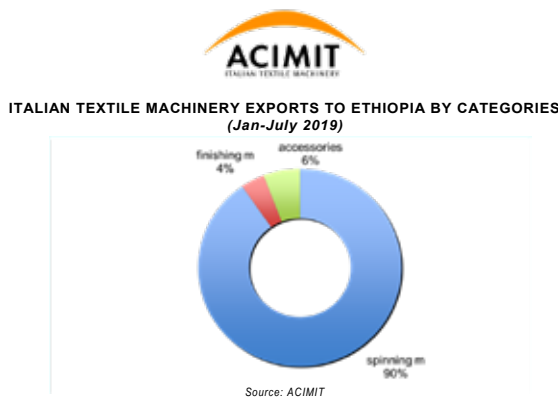
Given the necessary upgrade in technology required, the demand for textile machinery is growing consequently, supported by incentive schemes provided by the local authorities to support and develop Ethiopian textile sector.

Thus, the first edition of ITME Africa trade fair will feature 22 Italian textile machinery manufacturers at the Italian pavilion organized by the Italian Trade Agency. Among these are the following ACIMIT associated members: Arioli, Biancalani, Bianco, Bonino, Carù, Corino, Erhardt-Leimer, Fadis, Ferraro, Flainox, Lafer, Loptex, Mariplast, Mcs, Mesdan, Pugi, Ratti, Reggiani, Roj, Santoni, Savio.

ACIMIT President Alessandro Zucchi is confident in this first

edition of ITME Africa, “Our exports to Ethiopia have grown significantly over the past five years, although their overall value remains quite modest (2.8 million euros in 2018).” In 2019 January-July period Italian exports towards Ethiopian market reached a value of 3.3 million euros. Zucchi continues: “The quality of our machine technology is superior to that of our competitors currently operating in this market. Our focus is on getting potential buyers to get to know and appreciate the

quality of our technology, through opportunities such as ITME Africa, as well as through the institutional missions organized in recent years, thanks to the support of the Italian Ministry of Economic Development and Italian Trade Agency.” ITME Africa will also give Italian exhibitors the opportunity to meet textile companies from Kenya and Tanzania, Countries object of a recent institutional mission.



Tomsic s.r.l.
Via Malnisce, 3/B - 34070
Savogna d'Isonzo (GO) - Italy

Tel. 0039 0481 882320
Fax. 0039 0481 882542
E-mail: sales@tomsic.it
www.tomsic.eu

Messe Frankfurt and Inexmoda launch Heimtextil Colombia, a bet towards the Americas

Messe Frankfurt, one of the world's largest trade fair organizers has licensed its Heimtextil brand to Inexmoda, a private nonprofit institute based in Colombia (South America) and owner of the most important textile and fashion trade shows in Latin America: Colombiatex of the Americas and Colombiamoda, Colombia's Fashion Week. The first edition of Heimtextil Colombia in Medellin will open its doors in April 2021.

During the 50th anniversary of the Frankfurt edition in January 2020, Messe Frankfurt and Inexmoda announced Heimtextil Colombia, a new trade show for the Americas that will take place in Colombia, South America. Messe Frankfurt, owner of Heimtextil, has licensed the event to Inexmoda, the Latin American Fashion institute creator of the most successful textile and fashion trade shows for this market. With Heimtextil Colombia Messe Frankfurt strengthens its position as world leader of trade fairs for the textile business.

Heimtextil Colombia will take place in Medellin, one of the most important and innovative cities of Colombia (South America), and cover the Americas which

represent a high potential in the world market.

Messe Frankfurt and Inexmoda are targeting Colombia as a business platform for the home, furnishings, hospitality business, and further textile related products that will gather both top of the line exhibitors, and professional buyers from the region. The development of tourism and mobility in the Americas has driven a surprising increase in the demand of hospitality services and boosted construction rates, which creates new opportunities for companies and professional buyers in these categories, who will be able to meet at Heimtextil Colombia.

The arrival of Heimtextil Colombia to the Americas will represent the first step to position this country as the meeting place for retailers, wholesalers, designers, furniture and bedding stores, interior decorators, interior architects, architects, hotel outfitters and many other decision makers of the industry in the commercial calendar, and a place to find new opportunities for a growing market.

"Our mission at Inexmoda is to

develop strategic solutions for the fashion system that improves their competitiveness and connects people and professionals through networking platforms such as our trade shows Colombiatex of the Americas and Colombiamoda, which have been in the market for over 30 years. We are honored to celebrate this license agreement with Messe Frankfurt and being able to host professionals opportunities in construction, hospitality an interior design", says Carlos Botero, C.E.O. Inexmoda.

"With Heimtextil Colombia we are expanding our trade fair portfolio towards a region that is currently developing very well in terms of tourism and hospitality and thus offers great chances for the interior textiles business. With Inexmoda we are happy to have a strong partner at our side who organizes very successfully trade fairs in the Latin American fashion segment", says Olaf Schmidt, Vice President Textiles & Textile Technologies, Messe Frankfurt.

Heimtextil Colombia's launch in April 2021

The show will open its doors for the first time from 27 to 29 April

USTER®
Think quality

Uster Technologies AG
Sonnenbergstrasse 10
CH-8610 Uster
Switzerland

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

2021, showcasing trends and innovations for the most attractive categories in the Americas such as smart bedding, bath fashion, carpets and rugs, wall decoration, decorative fabrics, contract textiles and the hospitality business. The show is expected to receive 110 exhibitors from countries such as Portugal, Spain, Colombia, Italy, Turkey and France, and it will host visitors from the Americas, especially from those countries with the highest market potential: USA, Brazil, Mexico, Peru, and Colombia amongst others.

About Heimtextil

Heimtextil is the industry's most important global event and the biggest international trade fair for home and contract textiles held in Frankfurt, Germany. With its new products and trends, it kicks off the upcoming season and gives important impulses to both exhibiting companies as professional visitors and decision makers from all over the world. The event has specially focused on contract textiles, which are increasingly attractive to an extremely interested audience of architects, interior designers, object planners and hospitality experts that are constantly demanding textiles with functional practices in the world. Therefore, Messe Frankfurt has created a network of trade fairs in different countries of the world in response to the rising market opportunities in countries such as Russia (Heimtextil Russia), China

(Intertextile Shanghai), U.S.A. (Home Textiles Sourcing) and Japan (Interior Lifestyle Tokio).

About Messe Frankfurt

Messe Frankfurt is the world's largest trade fair, congress and event organizer with its own exhibition grounds. The group employs more than 2,600 people at 30 locations around the globe. Messe Frankfurt's program covers automotive, mobility and logistics, textiles, textile technology, entertainment media, creative industry, energy efficiency, technology, security, consumer goods, home, beauty and other events under the highest standards in events planning and organization. With around 150 trade shows per year, Messe Frankfurt is constantly exploring the best way to bring companies and professional buyers from different industries together.

About Inexmoda

Inexmoda is a private nonprofit institute with 32 years of experience in developing the most important textile and fashion trade shows in Latin America: Colombiatex of the Americas and Colombiamoda, Colombia's Fashion Week. The institute has also developed high scale consultancy projects alongside Latin-American companies and governments in search for the competitiveness of the textile and fashion industry in the region. Carlos Botero, the CEO of Inexmoda claims "The license agreement between

Messe Frankfurt and Inexmoda to bring Heimtextil into the Latin American market will be a major breakthrough for the home, decoration and hospitality industry, since these categories are being driven by the increase in new constructions, rise in tourism and the growing hospitality business in Latin America".

About Colombia

Colombia is considered to be the heart of Latin America due to its strategic location in between North America and Brazil, which represent the majority of the market size in the Americas. The country is also known for being one of the seventeen megadiverse nations, accounting for 60% of the emerald global market and being the third producer of coffee in the world.



www.textiletimes.com

KLÜBER
LUBRICATION

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

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

Denim Première Vision Heads To Berlin In November 2020

After the success of its Milan and London editions - with the most recent edition in London this past December attracting nearly 2,000 visitors from 43 countries - Denim Première Vision will be coming to Germany for the first time on 24 and 25 November 2020, to the Berlin Arena. This new destination is well-suited to the show's evolved and now roving positioning, and in line with the areas of strategic development initiated two years ago.

Denim Première Vision invites the international denim community to broaden its business perspectives and discover new sources of inspiration by traveling each season to a major European fashion capital. Each edition explores the different creative, eco-responsible and innovative facets of contemporary denim to meet the new needs of global denim markets.

Inspiring, experiential, forward-looking and above all international, Denim Première Vision targets all the creative brands developing denim collections - fashion and luxury brands, pure jeanswear players, web players - with a selective offer from 100 leading exhibitors representing the global creative

denim industry - from weavers to garment manufacturers, laundries, finishers, accessory manufacturers and technology developers.

Berlin is a unique mix of creativity, art, music and history.

The Berlin fashion industry boasts:

- **2,800 registered companies**, including 800 designer labels, ranging from high-end to streetwear brands and a broad array of eco-responsible collections.
- **60 annual events**, including Berlin Fashion Week, which brings together over 70,000 professionals,
- **11 fashion and design schools** ensuring a constant injection of fresh ideas.

Berlin is an exciting, open and cosmopolitan European city, and is Europe's 3rd largest tourist destination after London and Paris. **At the crossroads of Northern European countries**, it offers exhibitors and visitors alike new opportunities for business and interactions with the sector's leading markets: Germany, Denmark, Sweden, Norway, the Netherlands...

Berlin is also a **pioneering capital, known for its commitment to**

eco-responsibility, technology and fashion tech: an ideal city to fully address denim's renewal!

By setting up in Berlin, Denim Première Vision is taking a new step forward in exploring the denim of today and tomorrow.

A modern and inspiring denim industry that transcends some of the more conservative codes of fashion. A denim industry that is creative, respectful of both people and the environment, and focused on technical innovation and technology.

THE ARENA BERLIN

Perfectly suited to Denim Première Vision's technical and strategic priorities, the ARENA BERLIN is ideally located in the heart of the German capital to inspire and energise the fashion professionals targeted by the show. It is situated at the intersection of the multicultural Kreuzberg district, one of the trendiest areas in the city, and the Friedrichshain district, renowned for its artists, galleries, cultural and night life, and is near the famous Mitte district, a central and historic area.

oerlikon

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

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

Quality over quantity: anniversary edition of Heimtextil sets the themes for the new furnishing season

*With a content-driven programme, the 50th edition of Heimtextil delivered strong impetus for the start of the new furnishing season. Sustainability was placed firmly at top of the agenda, outshining all other topics. 63,000 visitors gathered information about the major themes dominating the international industry from 2,952 exhibitors at the world's leading trade fair for home and contract textiles. As expected, the unusually early date led to a drop in visitor numbers.**

'The industry is currently facing huge challenges. And some of those taking part at Heimtextil have really felt this. However: exhibitor satisfaction has remained at the same high levels as last year**. And visitor satisfaction has even increased from 93 to 95 per cent.

In addition to the early date, the reasons behind the reduced visitor numbers are mainly down to strong consolidation of specialist shops and developments in the stationary retail trade in the direction of ecommerce. The trend has also experienced an economic slowdown', explains

Detlef Braun, CEO of Messe Frankfurt. 'This is in line with the fact that as many as 34 per cent of our exhibitors rate the current economic situation in the sector as poor, compared with just 18 per cent the year before'.

Industry-focused content in line with the times

The anniversary edition of Heimtextil offered the richest event programme in its history: over 150 lectures and panel discussions, 30 guided tours of the trade fair and numerous other programme events supplied inspiration in relation to the most exciting new products and encouraged exchanges between representatives of industry and trade, design, interior architecture and hospitality.

Above all, the highly frequented 'Trend Space' with its unique trend showcase provided important industry content that was absolutely in line with the times. 'Inquisitive traders who make a difference in the market and keep up with the times are gathering inspiration for the new season here in Frankfurt. As the world's biggest trade fair, Heimtextil is of existential importance for our

industry. No other trade fair offers such a wealth of information', says Ottmar Ihling, spokesman for the DecoTeam and draws a positive conclusion for the Association of German Home Textile Suppliers in hall 8.0. 'We had a great number of visitors to the DecoTeam with good and high-quality customers and delegations from large companies'.

Peter Gumbel, General Manager of Aro Artlaender, also draws a positive conclusion about their presence in hall 11.0 and illustrates how the visitor structure at Heimtextil has changed to incorporate more international buyers: 'All the customers we expected to be there were there. Although the German specialist trade was somewhat lacking, as far as exports are concerned, it was a very good fair. Compared to 15 years ago, buyer delegations have certainly become a little smaller, but the decision-makers are still at Heimtextil – they may spend a little less time here, but they have very concrete plans'.

Uzbekistan to phase out state monopoly in cotton trading



Uzbekistan will gradually reduce the state's role in **cotton trading**, opening up opportunities for private companies in the country—one of the world's top cotton producers, President Shavkat Mirziyoyev recently said. Traditionally, the government has bought all cotton from farmers, directing them how much to grow every season

and taking care of exports.

To encourage **private investment**, that practice needs to be phased out, Mirziyoyev said, indicating a major policy shift, according to a news agency report.

“Our people might not be ready for it, but if we don't gradually switch (away

from state monopoly) there will never be any (investor) interest,” he told parliament.

Uzbekistan is the world's 10th-largest cotton exporter. However, the former Soviet republic plans to gradually cease raw cotton exports in favour of domestic textile production.



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

T: +44 (0)161 775 5740
F: +44 (0)161 775 5485
E: btma@btma.org.uk
www.btma.org.uk

Pak PM directs urgent measures to increase cotton produce



Prime Minister Imran Khan recently directed an amendment in the Seed Act and urgently re-establishing a cotton committee to boost cotton production in Pakistan. Chairing a meeting to review cotton policy and cultivation, he also directed the ministries of finance, national food security and commerce division to give proposals on fixing cotton support price.

The meeting discussed share of cotton crops in overall produce

of the country and other related matters including import, export and challenges, according to Pakistani media reports.

Expressing concern over the gap between cotton production in different parts of the country, the prime minister regretted that the sector faced neglect by previous governments in terms of new seed harvesting, promotion of technology, adaptation of modern farming techniques and financial assistance to farmers.

He said apathy towards cotton cultivation not only resulted in a gradual decline in production and discouragement of farmers, but also affected textile industry and exports.

The government under the Prime Minister Emergency Programme is importing technology to save cotton crop from pink bollworm that would be shared with farmers at a cheaper price.



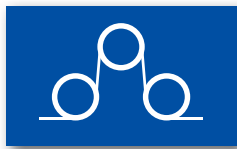
www.textiletimes.com

Since 1997
Textile Times
Working Textile Machinery & Products Manufacturer's Journal
23rd Years of Success

Because advertising matters...
Textile Times[®] TMI
A Monthly Magazine



www.textiletimes.com



SCHMIDT

control instruments

KHANTEX International
The Art of Textiles

We deal in Textiles, Home Textiles & Machines

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

Tele: +92 51 2855125, +92 51 2324466, Fax: +92 3009766099

Email: khantextintl@gmail.com

**SCHMIDT offers the worldwide largest selection
of Tension Meters**



SCHMIDT

control instruments

HANS SCHMIDT
P. O.B. 1154 844 64 Waldkraiburg Germany
Shipping address: HANS SCHMIDT
Schichtstrasse 16 84478 Waldkraiburg Germany

Phone: int. + 49 (0) 86
Fax: int. + 49 (0) 86
e-mail: info @ hans-schmidt
Internet: www.hans-schmidt.com

Pakistan withdraws all duties, taxes on cotton import

Pakistan recently waived all duties and taxes on import of cotton and allowed its import via the Torkham land border from Afghanistan and Central Asia to meet the demand of the value-added textile sector. The decision will be effective from January 15. The government had in 2014-15 imposed one per cent customs duty and 5 per cent sales tax on cotton import.

Over the next few years, its import was subject to 3 per cent regulatory duty, 2 per cent additional customs duty and 5 per cent sales tax. The duties were withdrawn in January-February 2017 and re-imposed in July-August. The cabinet's Economic Coordination Committee (ECC) took the

decision. On October 4 last year, the Cotton Crop Assessment Committee projected that cotton production at the end of the year would be 10.20 million bales as against the target of 15 million bales for the fiscal 2019-20.

To fill the gap, the commerce division has proposed duty-free import of cotton. But the ECC was informed that bulk of cotton would be lifted from local farmers by January 1 next year and the proposed exemption would not adversely affect the interests of local farmers. Both the commerce and national food divisions gave assurance that imported cotton would facilitate textile exports which are showing an upward

trend, according to Pakistani media reports.

The commerce and food security divisions were directed to engage with the cotton importers for establishment of facilities at Torkham. Necessary changes will be made in plant quarantine regulations for providing facility of meeting sanitary and phytosanitary requirements for cotton import through land routes.

As trade with India was recently suspended by Pakistan, Afghanistan and Central Asian States have become more viable economic sources for cotton import.



itema

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

Tel +39 035 728 2111
Fax +39 035 740 505
www.itemagroup.com

Indonesia to import more than \$65 million worth US Cotton



The Cotton Council International (CCI) has announced that Indonesian textile mills are set to purchase an additional 194,000 US cotton bales, worth more than \$65 million, thanks to CCI's 2019 Special Trade Mission (STM) from Indonesia to the US, sponsored by FMD funding. CCI is the export promotion arm of the National Cotton Council of America (NCC).

Eighteen cotton buyers from Indonesian textile mills, as well as two members of the Indonesian Textile Association, attended the STM to learn more about the benefits of US cotton. Indonesia is the fifth largest cotton fibre-importing country, and mills in Indonesia were expected to import a total of 3.1 million bales in 2018/19.

The companies that participated in the STM represented some of the largest textile mills in Indonesia. Their companies consume around 2.1 million bales, representing roughly two-thirds of total cotton consumption in Indonesia in 2018/19. Prior to the STM, US market share with these mills was estimated at 40 per cent, according to CCI.

The STM visited six cities throughout the Cotton Belt in July 2019. The STM provided participants with a better understanding of the many elements that make up the seven segments of the US cotton industry. These meetings assisted in educating the foreign trade, as well as encouraged business relationships with the intention of in-

creasing US cotton exports in the future.

One of the purposes of the STM is to provide participants with a better understanding of the US cotton industry, and 87 per cent of the participants stated their main objective in participating was to learn more about US cotton. To meet that goal, prior to the tour, CCI asked the participants which topics they would most like to have addressed by the US cotton industry. CCI also arranged a pre- and post-survey to capture the group's change in knowledge and purchase intent.

The Indonesian participants were concerned about US cotton quality and the steps being taken to improve contamination from bale packaging. They were interested in sustainability and how US cotton producers were implementing sustainable practices on their farms. They were also looking to learn about trends and innovations in cotton products that would help them in their business with brands and retailers.

Overall, 100 per cent of the participants stated they were able to meet their objective of learning more about the U.S. cotton industry by participating in the STM, and 100

per cent stated they learned a lot about US cotton during the STM. Furthermore, all of the participants were satisfied with the STM and all were likely to recommend it to a colleague.

A second goal of the STM was to encourage business relationships with the intention of increasing future US cotton exports. Around 94 per cent of the participants stated that their participation in the

STM provided them opportunities to develop new business relationships and contacts, and 82 per cent believe they will purchase more US cotton in the future.

Pak cotton production estimated at 9.451 mn bales



Pakistan's Cotton Crop Assessment Committee (CCAC) has estimated the crop output for this season to be 9.451 million bales compared to the production target of 12 million bales. Cotton commissioner Khalid Abdullah said cotton output was expected to reach 6.671 million bales in Punjab province, 2.68 million bales in Sindh and 0.098 million bales in

Balochistan. The crop faced an extraordinary rise in temperature during the critical stages of crop development followed by an unexpected rise in temperature by 2 to 5 degrees Celsius during September, Pakistani media reports quoted Abdullah as saying. The harsh temperature affected the plant nutrition development capability and put the plant under

stress, thereby hampering late season fruit development, he said. Irrigation water shortage in Sindh was another major issue. Severe attack of pink bollworm, both in Punjab and Sindh, white fly attack, lower seed cotton prices with rising input costs remained the key elements affecting cotton production, he added.

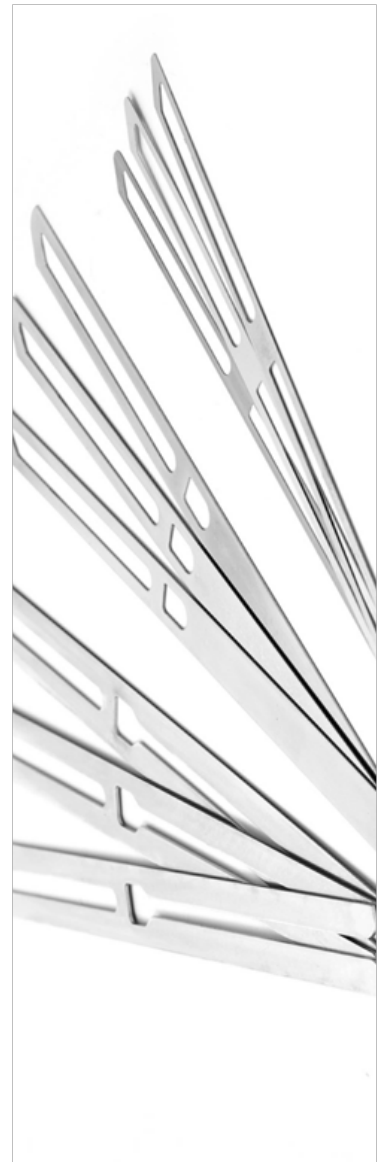


Mayer & Cie.
Circular Knitting Machines

Mayer & Cie. GmbH & Co. KG
Rundstrickmaschinen
Emil-Mayer-Strasse 10, D-72461 Albstadt
Postfach 201580, D-72438 Albstadt

phone +49 (0)7432 700-0
fax +49 (0)7432 700-362
Email: info@mayercie.com
www.mayercie.com

We Represent the Following Companies in Pakistan



Derix Betriebsgesellschaft mbH
Auf dem Feldchen 7-9, 47929 Grefrath, Germany
Phone: +49 21 58 91 99 0, Fax: +49 21 58 26 99
Email: info@derix.biz

House 1183, Street 1, Sector G-9/2, Islamabad
Tel: +92-51-2855125
Cell: +92-300-9766099, +92-313-5558866
Email: khantexintl@gmail.com

US-China Phase I trade deal to boost US cotton exports

The National Cotton Council (NCC) has announced that the Phase 1 trade deal with China, recently signed by President Donald Trump, could provide a much-needed boost to US cotton exports. The Phase 1 agreement includes a chapter on agriculture with Chinese purchases of US products intended to reach at least \$40 billion per year starting in 2020.

However, the overall impact for cotton remains uncertain as commodity-specific details have not been released, according to a press release by NCC. "While we welcome Phase I and are hopeful about the potential for future increased

sales to China, US cotton producers continue to face a challenging economic climate. As such, we encourage President Trump and USDA to follow through with the third tranche of MFP payments as quickly as possible," NCC chairman Mike Tate, an Alabama cotton producer said.

Tate was referring to the administration's \$16 billion trade assistance package through the market facilitation programme to help mitigate China's retaliatory tariffs. According to him, this assistance, administered by USDA, has been very timely with US cotton's economic health deteriorating as mar-

ket share in China is being lost to Brazil and Australia. The first MFP tranche of payments came in August 2019 and the second tranche in November 2019.

"Since the middle of 2018, the ongoing trade dispute between the US and China has been front and centre in any discussion of the cotton market. Cotton prices remain well below pre-dispute levels due to China's imposition of a 25 per cent retaliatory tariff. That's why removal of these tariffs should be a high priority for any upcoming dialogue between the two countries," Tate said.

Egyptian Cotton & Textile Industries to merge subsidiaries

Egypt's Cotton & Textile Industries Holding Company recently signed a contract with PwC under which the latter will provide accounting, legal and tax advice to the firm for the planned

merger of its subsidiaries and implementation of restructuring. Its subsidiaries are planned to be merged into nine textile firms and one company for cotton ginning and trade.

Warner Consulting recommended merging the company's 22 textile units and 9 units for ginning and trade of cotton, according to an Egyptian English-language daily.



Good Times Better Times
Textiles Times is the Best Times



ANDRITZ at IDEA 2019

GRAZ, OCTOBER 21, 2019.

International technology Group ANDRITZ will be presenting its innovative nonwovens production and textile solutions at SINCE 2019 in Shanghai, China, from December 11 to 13 (booth 1L10). The broad ANDRITZ product portfolio covers state-of-the-art nonwovens and textile production technologies such as air-through bonding, needlepunch, spunlace, spunlaid and wetlaid.

ANDRITZ (CHINA) LTD. WUXI BRANCH – THE RIGHT PARTNER FOR THE ASIAN NONWOVENS INDUSTRY

ANDRITZ (China) Ltd. Wuxi Branch, China, has an experienced platform for production and service specially geared to fit the Asian nonwovens industry. It designs and manufactures cutting-edge lines to complement the ANDRITZ aXcess product range, which includes complete lines and individual machines for air-through bonding, needlepunch and spunlace processes. With the aXcess range, ANDRITZ has developed a hybrid line concept combining European machines for performance in critical ranges and local machines for auxiliary functions. It is the ideal combination to obtain the best added value from each component

in the line, allowing the operator to obtain a high level of performance. ANDRITZ has built up the Wuxi facility on a par with European standards to better serve local nonwoven producers and respond to customers' requests promptly with top-end quality products.

The service organization has been set up and optimized to provide prompt delivery and excellent customer support. A team of skilled technicians and process experts can be deployed quickly to customer sites requiring full-range assistance. The ANDRITZ facilities include a roll service center with state-of-the-art grinding equipment and a test stand for various kinds of rolls. This is why all roll types can be repaired, reconditioned, and upgraded there on the spot.

FULL DRYLAID PROCESSES WITH THE ANDRITZ AXCESS RANGE

The Chinese spunlace industry has been growing strongly now for several months, with many investments in direct or crosslapped line configurations. This market development is mainly driven by the growing use of commodity products such as face masks or wipes. ANDRITZ offers customized solutions suitable for all needs using a wide

range of raw materials, including such natural fibers as cotton. For instance, the CA25 card equipped with Servo-X infeed regulator has been welcomed by the market because it provides top-of-the-range performance, including perfect web evenness, appearance and crosslapped line production capacity up to 1,000 kg/h.

For the hygiene market, softness and bulk are the preferred qualities for acquisition-distribution layers, top sheets, and back-sheet products. With the ANDRITZ air-through bonding lines based on the aXcess Varioweb card, customers benefit from high production capacities and high-performance fabrics from 16 to 80 gsm containing bicomponent fibers. Several Chinese customers have made ANDRITZ their preferred partner for air-through bonding lines.

Another booming market in China is the filtration industry due to the huge demand for air treatment. The ANDRITZ needlepunch range provides the filter media required by government regulations. As a result, ANDRITZ will present its new range of Profile aXcess crosslappers PRO 25-80 and PRO 30-80 launched in 2019 as well as its ProWid control system, also used for synthetic leather, automotive and geotextiles.



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

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



ANDRITZ Wuxi workshop to better serve Chinese customers.



aXcess card CA25 VarioWeb for drylaid process.



Loepfe

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

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

This combination of Profile crosslappers and ProWid offers several advantages, among them a better web profile quality (CV) and significant fiber savings by eliminating superfluous fibers on the batt edges.

ANDRITZ NONWOVEN ENHANCES ITS PRODUCT PORTFOLIO FOR THE ASIAN SPUNBOND MARKET

Rising production speeds and width, compact and reliable design, and affordable investment costs are what Asian customers are currently demanding. In order to meet these requirements perfectly, ANDRITZ recently enhanced its nonwoven compact calender and dryer ranges. Especially developed for the Asian spunbond market, the compact calendars feature higher speeds and width, while still maintaining the features for which they are well known. The new dryer for the Asian spunbond market offers a compact design, taking up very little space and providing easy access to all components.

The complete units are delivered to the customer's factory floor with only a minimum of assembly work being required. This saves customers even more time and money.

NEXLINE WETLAID AXCESS – THE COMPACT ANSWER TO COMPLEX CHALLENGES

The concept of the neXline wetlaid aXcess targets smaller and medium production volumes and has been devised for new and existing lines. The compact line provides the ideal entrance to the growing wetlaid market, with a variety of final applications and options. Compact lines make shipment easy, and they fit perfectly into containers so that transport is fast. An operator-friendly configuration and versatile design ensure efficient production at affordable investment costs. The new neXformer aXcess is one of the essential machinery elements of the neXline wetlaid aXcess.

ANDRITZ GROUP

ANDRITZ is an international technology group providing plants, systems, equipment, and services for various industries. The company is one of the technology and global market leaders in the hydropower business, the pulp and paper industry, the metal working and steel industries, and in solid/liquid separation in the municipal and industrial segments. Other important fields of business are animal feed and biomass pelleting, as well as automation, where ANDRITZ offers a wide range of

innovative products and services in the IIoT (Industrial Internet of Things) sector under the brand name of Metris. In addition, the company is active in power generation (steam boiler plants, biomass power plants, recovery boilers, and gasification plants) and environmental technology (flue gas and exhaust gas cleaning plants) and offers equipment for the production of nonwovens, dissolving pulp, and panelboard, as well as recycling plants.

ANDRITZ stands for passion, partnership, perspectives and versatility – core values to which the company is committed. The listed Group is headquartered in Graz, Austria. With almost 170 years of experience, approximately 29,600 employees, and more than 280 locations in over 40 countries worldwide, ANDRITZ is a reliable and competent partner and helps its customers to achieve their corporate and sustainability goals.



ANDRITZ Küsters GmbH
GERMANY

Eduard-Küsters-Str. 1
47805 Krefeld
+49 (2151) 34 0
kuesters@andritz.com



Saurer to show Autoairo in Asia for the first time at 2nd CIIE

Originating in Switzerland and founded in 1853, Saurer is a leading globally operating technology group focusing on machinery and components for yarn processing. After having participated in the first CIIE last year, Saurer will once again take part in this important event this year, presenting its new air-spinning machine Autoairo, which the company launched at ITMA Barcelona on 20 June 2019. At the CIIE in November, the Autoairo will be exhibited in Asia for the first time.

Autoairo has set new benchmarks for air spinning. Saurer has

combined its most advanced automation solutions with proven technology to create an air-spinning machine with unique properties. The Autoairo features autonomous spinning

positions with individual drives and integrated intelligence. Its digital piecing unit is capable of performing up to 24 piecing processes simultaneously. As a result, the machine's run-up time is also reduced by at least 30%. The Autoairo's compact, double-sided design means that it takes up 40% less space than single-sided machines. These features give the Autoairo a powerful productivity

advantage while at the same time lowering spinning costs.

This innovation significantly increases efficiency. It is fully automated with autonomous, intelligent spinning positions, revolutionising air spinning. With Autoairo, spinning mills can produce high-quality yarn more quickly, more cost-efficiently and more flexibly.

With more than 160 years' experience, Saurer has always been committed to advancing the textile industry, integrating high-end equipment manufacturing with modern information

technology to provide complete solutions for the smart spinning factory.

Our team looks forward to introducing this innovation to guests at the CIIE in Hall 3 at Booth B1-010 from 5 to 10 November 2019.

About Saurer Group

Saurer Group is a leading globally operating technology group focusing on machinery and components for yarn processing. As a company with a long tradition, Saurer has always been a leader in innovation. Today, Saurer comprises the two segments Saurer Spinning Solutions and Saurer Technologies. Saurer Spinning Solutions offers high quality, technologically advanced and customer-specific automation solutions for processing staple fibre from bale to yarn. Saurer Technologies specialises in twisting and embroidery as

well as engineered and polymer solutions. With annual sales revenues of EUR 1 175 million, 4 700 employees, and locations in Switzerland, Germany, Turkey, Brazil, Mexico, the USA, China, India and Singapore, the strongly growing group is well positioned to serve the world's textile industry centres.

Saurer to present spinning and embroidery technologies at ITME Africa

As a member of the Swiss Textile Machinery Association, Saurer will give visitors the opportunity to learn about the company and to gain an overview of its spinning and embroidery offerings at ITME Africa from 14 to 16 February 2020. The group invites customers and other interested parties to find out more at the Swiss Pavilion at Millennium Hall in Addis Ababa, Ethiopia.

At the exhibition, visitors will learn more about Saurer's extensive spinning offerings, which enable customers to process a wide range of fibres depending on their needs using ring-, worsted- and compact- or rotor-spinning technologies. Autoairo, the group's new double-sided air-spinning machine, will also be introduced to prospective clients.

Further, Saurer is keen to provide customers from the region with information on Epoca 7, its shuttle embroidery machine. Developed with over 150 years' experience, this technology enables embroidery plant owners to embellish fabrics to their clients' specifications, creating an array of designs ranging from traditional to haute couture. Additional attachments for the application of cords, ribbons and sequins as well as for laser-cutting patterns further broaden the variety of possible creations.

First Information on the Financial Year 2019

- As expected, sales were significantly down on the previous year, falling by 29% to CHF 760 million
- EBIT margin of around 11% and net profit of around 7% of sales anticipated, non-recurring profit contribution from sale of real estate in Ingolstadt (Germany)
- Order intake up 7% on previous year; order intake amounting to CHF 401.6 million booked in fourth quarter 2019 (4th quarter 2018: CHF 119.0 million)
- First half of 2020 expected to be significantly lower than previous year in terms of sales and earnings
- Further capacity adjustment measures introduced
- Start of construction of Rieter CAMPUS expected during 2020, subject to granting of building permit



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

E-mail contacts@biancalani.com
www.biancalani.com

The Rieter Group closed the 2019 financial year, as expected, with considerably lower sales than in the previous year. According to the first, unaudited figures, total sales of CHF 760.0 million were achieved, which is 29% down on the previous year (2018: CHF 1 075.2 million). At CHF 926.1 million, order intake was 7% higher than in the prior year period (2018: CHF 868.8 million). Rieter will publish the full annual financial statements and the 2019 Annual Report on March 10, 2020.

Sales by Business Group

As already reported, 2019 as a whole was characterized by the trade conflict between the USA and China, excess capacity in the spinning mills as well as political and economic uncertainties in regions of importance to Rieter.

In the Business Group Components, the 12% decline in sales compared to the same period in the previous year is also due to the lower order intake as a consequence of reluctance to invest. Above all, this affected the business activities of SSM and Suessen. The wear and tear parts business continued at a normal level. The 2% year-on-year decline in sales in the Business Group After Sales is mainly

attributable to the lower volume in the machinery business (low demand for installation services).

The market situation described above is also reflected in sales in the Asian countries, in India and Turkey. Sales in China as well as North and South America remained at the prior year level.

The Business Group Machines & Systems posted an order intake of CHF 562.8 million, an increase of 20% compared to the previous year. This is primarily due to the fourth quarter of 2019, in which an order intake of CHF 307.0 million was booked. This figure includes orders from Cotton & Textile Industries Holding Company, Cairo (Egypt), for the delivery of compact and ring spinning systems in the amount of around CHF 165 million.

In the Business Group Components, order intake of CHF 222.0 million was down by 15% compared to the previous year. Due to weaker macroeconomic conditions, order intake in the fourth quarter of 2019 was CHF 49.1 million, lower than in the previous quarters. Overall, the decline in the year under review can be attributed to a low level of investment by customers in the Business Units SSM and Suessen. With an order intake of CHF 141.3

million, the Business Group After Sales recorded a year-on-year increase of 1%. The fourth quarter of 2019, in contrast, with an order intake of CHF 45.5 million, was significantly higher than the previous quarters, which is largely attributable to the installation services for the Cotton & Textile Industries Holding Company project in Cairo (Egypt).

At the end of 2019, Rieter's order backlog amounted to about CHF 500 million (December 2018, 31: about CHF 325 million).

First Half of 2020 Expected to Be Significantly Lower Than Previous Year in Terms of Sales and Earnings

Due to the low order intake in the 2019 financial year, Rieter expects sales and earnings in the first half of 2020 to be significantly below the prior year level.

Further Capacity Adjustment Measures Introduced

The Rieter Group is planning further measures to adjust capacities due to structural changes in the market situation. This concerns the locations Winterthur (Switzerland), Suessen and Gersthofen (both Germany), Enschede (Netherlands) and Boskovic (Czech Republic).



VANDEWIELE
Michel Vandewielestraat 7
8510 Marke
Belgium

Tel: +32 56 24 32 11
Email: info@vandewiele.com
www.vandewiele.com

In the Business Group Machines & Systems, the assembly of machines is to be discontinued at the Winterthur location. This is expected to affect 87 jobs out of a total of 980 jobs in Switzerland.

In the Business Group Components, a total of 90 jobs are likely to be lost at the locations Suesen, Gersthofen, Boskovic and Enschede. The consultation processes with employee representatives begin today, January 29, 2020. With these measures, Rieter aims to cut running costs by around CHF 15 million from 2021. For the implementation of the adjustment measures, Rieter anticipates non-recurring expenses of approximately the same amount in 2020. The goal remains to successfully implement the ongoing innovation program and to be able to respond quickly to increasing demand.

Start of Construction of Rieter CAMPUS

Rieter applied for a building permit for the Rieter CAMPUS at the end of 2019. The Rieter CAMPUS comprises a new Customer and Technology Center as well as an administration building.

The Board of Directors of Rieter Holding Ltd. has decided to start



construction work on the Rieter CAMPUS most probably during 2020, provided that the legally building permit is issued in good time.

Profit Outlook for 2019

In financial year 2019, Rieter anticipates an EBIT margin of around 11% (2018: 4.0%) and a net profit of around 7% of sales (2018: 3.0%). This includes the non-recurring profit contribution from the sale of real estate in Ingolstadt in the amount of around EUR 60 million at the net profit level.

Annual General Meeting of April 16, 2020

The 2020 Annual General

Meeting of Rieter Holding Ltd. will take place this year on April 16, 2020, at the Eulachhalle arena in Winterthur, Switzerland.

Any proposals regarding the agenda must be submitted in writing to Rieter Holding Ltd., Company Secretary's Office, Klosterstrasse 32, CH-8406 Winterthur, Switzerland, by February 22, 2020, at the latest, accompanied by information concerning the relevant motions and evidence of the necessary shareholdings (with a par value of CHF 0.5 million as stipulated by Article 699 of the Swiss Code of Obligations and §9 of the Articles of Association).



Because advertising matters...

Textile Times[®]
A Monthly Magazine



**The 23 years of Trust to
Advertise with Textile Times**

www.textiletimes.com

oerlikon



RIETER

PICANOL
why weavers win



KERN-LIEBERS
KNITTING PARTS



Suessen

VAN DE WIELE

USTER[®]
Think quality



PILO GROUP
ENGINEERING FOR NONWOVENS

datacolor

DORNIER

GROZ-BECKERT[®]



ITEMA
weaving in motion

HUNTSMAN
Enriching lives through innovation

ITM Texpo 2016 Eurasia

James Heal

KAESER KOMPRESSOREN

JAGENBERG GROUP TEXTILE

Biancalani
MACCHINE TESSILI



BENNINGER

TRÜTZSCHLER

ACIMIT
ITALIAN TEXTILE MACHINERY



Thies
TEXTILMASCHINEN

SDLATLAS
TEXTILE TESTING SOLUTIONS



Zimmer
AUSTRIA



STOLL

SAURER.



KARL MAYER



KLÜBER LUBRICATION



LENZING
LEADING FIBER INNOVATION

Luwa



MS
PRINTING SOLUTIONS



AFROZE



bianco
advance quality performance

Orient
TEXTILE MILLS



UNITECH

Reiners + Fürst
Rings and Travellers



UGOLINI
dyeing technologies



POZZI LEOPOLDO

bierrebi
italian cutting technologies



Because advertising matters...
Textile Times[®]
 A Monthly Magazine



**The 23 years of Trust to
 Advertise with Textile Times**

www.textiletimes.com



AUTOMATIC DOSING SYSTEMS
 SISTEMI AUTOMATICI DI DOSAGGIO



Versatile and functional textiles

Come and see KARL MAYER's products for the sports sector at ISPO

from 26. – 29. 01. 2020 in Munich



reasons for doing this was to improve the wear comfort. The electrically conductive material required is incorporated directly into the textile on the warp knitting machine in the desired arrangement.

Another focal point will be a presentation of warp-knitted textiles that have been especially developed to meet the requirements of the sports sector. These include lightweight, stable mesh linings, hardwearing shoe fabrics, stylish 4-way-stretch fabrics with breathability and compression characteristics, a variety of tricot fabrics with decorative, striped patterns, and warp-knitted spacer textiles for a range of end-uses.

Following its first successful time exhibiting at ISPO Munich 2019, KARL MAYER intends to also attend the next fair, which will take place from 26 to 29 January 2020. The company has prepared a performance show of functional, warp-knitted textiles and smart, on-trend lingerie and clothing items for its visitors. This world leader in the manufacture of textile machinery can be found on stand 408 in hall C2.

Textile solutions for sportswear

delivering performance and function

The highlights of KARL MAYER's stand include an ECG shirt for measuring vital signs. This garment, which features integrated sensor technology, was developed under the concept of TEXTILE-CIRCUIT in the company's TEXTILE MAKERSPACE, and was premiered at ITMA 2019 to a highly interested audience. The sensors have been upgraded for the ISPO show. One of the

The new development, 4D-KNIT. SOLUTIONS, is illustrating what can be achieved with double-bar raschel technology for 3D warp-knitted textiles. With their unique, three-dimensional, cushioning construction, these voluminous fabrics offer a new level of design potential. Ready-made panels, e.g. entire back components for use in midlayer jackets, can be produced, as well as imaginative designs with pronounced sculptured effects, and combinations of 4D effects and breathable openings.

Suessen

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

Phone: +49 (0)7162 15-0
Fax: +49 (0)7162 15-367
E-mail: mail@suessen.com

Different fabric weights can also be produced. Thanks to the internal cushioning, the cuddlesome fabrics provide good insulation, without any micro-particles being produced – performance characteristics that are tailor-made for functional garments and shoes.

Under the concept of **B O D Y M A P P I N G REVOLUTION**, KARL MAYER will be showing the potential of the **RASCHELTRONIC®** for producing new, virtually seamless, comfortable clothing for wearing during active sports or for every day. Design edges and hems, as well as functional zones, can be worked during actual production on this versatile machine. Breathable mesh designs, stable areas, and zones with different elastic moduli for providing support and a perfect fit can be placed wherever they are needed.

Under **JERSEY EVOLUTION** KARL MAYER has developed a warp knitted alternative to conventional knitted fabrics for sportswear manufacturers who rely on jersey fabrics. The soft textiles offer a high degree of elasticity with good recovery, smooth, stable edges with no tendency to curl for free-cut style and a wonderful, flowing fall – just like their knitted counterparts. Unlike these, however, they can be produced incomparably more efficiently: A knitting machine can replace 2.5 circular knitting



machines, depending on the lapping and yarn selection.

The design potential of KARL MAYER's machines can be exploited optimally by linking them to KM.ON's digital systems. The digital products and software of this KARL MAYER start-up will also be at the centre of the ISPO presentation.

In particular, the features of the k.innovation product category are revolutionising warp knitting with an intuitive design tool, which reduces the time-to-market considerably. A special feature of k.innovation is the possibility of web-based collaboration between different partners involved in the project. All the designers, customers and suppliers involved in producing the sample patterns have access to the same data – enabling them to engage easily

with the development process.

KARL MAYER
belongs to the starters
of **INNOVATIVE CO-
WORKING**, the new
Brainstorming Space at
Interfilière

Today, real innovations in the fashion sector are the result of a close exchange between creative minds and experts with ideas and visions. This is the reason why Interfilière offers with **INNOVATIVE CO-WORKING** a new platform for an individual get-together from 18. to 20. January 2020 in Paris. Here, brand strategists, staff members of start-ups and designer entrepreneurs have the possibility to start conversations with the top-level trendsetters from all fields of the textile supply chain.

One of the innovative partners for an efficient brainstorming is KARL MAYER, a pioneer in textile machinery building, who increasingly also develops textile product concepts. „In the last few months, we have been focusing on the topics of Electronic Wearable, Bodymapping for Sportswear, One-Piece Creations for Lingerie and Genre-Mix, especially the combination of Lingerie and Swimwear with Athleisure.

The developed styles and concepts already met with a great response at different trade fairs. In Paris, too, we are looking forward to having many interesting conversations in this respect“, reveals Gabriela Schellner, Head of Textile Technology at KARL MAYER, about the fashion topics, on which the visitors have the right to expect valuable inspirations and latest information. In particular the lingerie business provides diverse development potential due to the know-how transfer, especially from the sportswear industry with its high demands on the function of clothing.

Andreas von Bismarck: Goodbye and sincere thanks

Chemnitz, November 4, 2019

– It is with great sorrow that we have to inform you that Andreas von Bismarck, Managing Partner of Terrot GmbH has unexpectedly passed away on October 31, 2019.

Andreas von Bismarck initiated his



working career at Terrot GmbH in 2006 and later became Managing Director of the firm. Many of Terrot's success can be attributed to his dedicated management. Andreas considerably modernized the company and created several new and innovative products. In 2015, he was instrumental in acquiring the Italian company "Pilotelli Macchine Tessili". Also in 2015 he was nominated as one of Saxony's best five managers.

With immediate effect, Peter Schüring will assume the responsibilities of Andreas von Bismarck as Managing Director.

In Peter Schüring's words: "The unexpected loss shocks us all deeply. Andreas von Bismarck contributed greatly to the company's growth and success. He was well respected by his many business partners."

Beyond his professional responsibilities, Andreas von Bismarck supported several nonprofit associations and shouldered numerous social commitments. He was co-founder and spokesperson of the association "Wirtschaft für ein weltoffenes Sachsen", Honorary Managing Director of the "Kira Auguste Prinzessin von Preussen Musik und Kultur Stiftung" and a member of the "Kunstsammlungen Chemnitz".

Andreas von Bismarck leaves his wife and two daughters behind. The funeral will take place in Berlin and attended only by his immediate family. In addition, there will be a public commemoration service in Chemnitz.



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

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



Perfection down to the smallest detail.

competence from Germany since 1905



Mayer & Cie.
Rundstrickmaschinen

www.mayercie.com

Direct Link 4.0: The new DORNIER Customer Portal myDoX®

Why the digital age began much earlier for weaving machine manufacturers

In 1805, Joseph-Marie Jacquard changed the world with a piece of cardboard, when the son of a weaver invented the punched card controlled loom in Lyon. He not only revolutionized textile production, but also laid the foundation for today's automation as part of digitization with the loom as a "programmable" machine.

A good century later, the American Herman Hollerith discovered the punched card for data processing, where it paved the way for binary computer programming. In 1924, the company founded by Hollerith gave birth to the "International Business Machines Corporation", which today is known by its abbreviation: IBM.

One and zero. Warp and weft. Weaving has always been "digital".

Lindauer DORNIER GmbH, a manufacturer of (weaving) machines and plants, demonstrated its vision for the digital world at an early stage: from 1989 onwards, DORNIER

was even ahead of Mercedes and BMW with the implementation of the "Controller Area Network" (CAN-Bus) developed by Bosch and Intel

This was followed by FT control, communicating solenoid valves, automatic maintenance intervals and stations for precisely determining the thickness of the film in the company's up to 150-metre-long film production machines.

DORNIER is now once again demonstrating its technological pioneering role in the digital arena with the all-divisional customer portal myDoX®: whether 24/7-Online shop for original parts, individual user documentation, access to all orders placed or clear administration of machine data – DORNIER customers use the SAP HANA system based on the latest database technology to organize their fabric production under the latest production conditions for mass-produced goods, technical textiles and customization at the highest technological level.

But in a traditional family business like DORNIER, we also know that the human factor is just as much a part of weaving as one and

zero are part of the binary code. That's why myDoX® is above all an extension of DORNIER's well-known personal technical service into the digital domain.

With myDoX® the information of all DORNIER machines and systems worldwide is available in Lindau within seconds and the decades of experience and quality "Made in Germany" continues to reach customers from Lake Constance.

This presentation will show how myDoX® can be used to efficiently weave in an increasingly digital world, which digital challenges fabric production is facing and how weaving machines must function in order to optimally combine traditional fabric production with state-of-the-art interface and cloud solutions.

ALPHA 500 UNIVERSAL

Domotex Hanover is the place to be to see the latest in carpet design and technology for efficient production. Visitors to Stäubli's Booth D14 – now in Hall 11 – will learn all about Stäubli solutions for carpet weaving and will enjoy discovering the newest carpet samples woven on the ALPHA



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

Tel.: +49 2161 4 01-4 09
E-Mail: marketing@monforts.de
www.monforts.de

KHANTEX International

The Art of Textiles

We deal in Textiles, Home Textiles & Machines

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

Tele: +92 51 2855125, +92 51 2324466, Fax: +92 3009766099

Email: khantextintl@gmail.com

melco

EMT16plus



Modular Multi-Head Embroidery Machine

In 2003 Melco introduced the principle of modular production to the embroidery world and stopped to produce conventional multi-head embroidery machines. This was the result of Melco's quest to offer its customers the most productive, flexible and easy-to-use embroidery equipment. To this day, this switch to the modular system has proven extremely successful and there are a lot of very good reasons for it.

Melco Europe

Contact Person: Roland Karrer, Aurelio Baietta
Seestrasse 161 0 Steckborn Switzerland

Phone: +41 52 762 16 56
Email: info@melco.ch

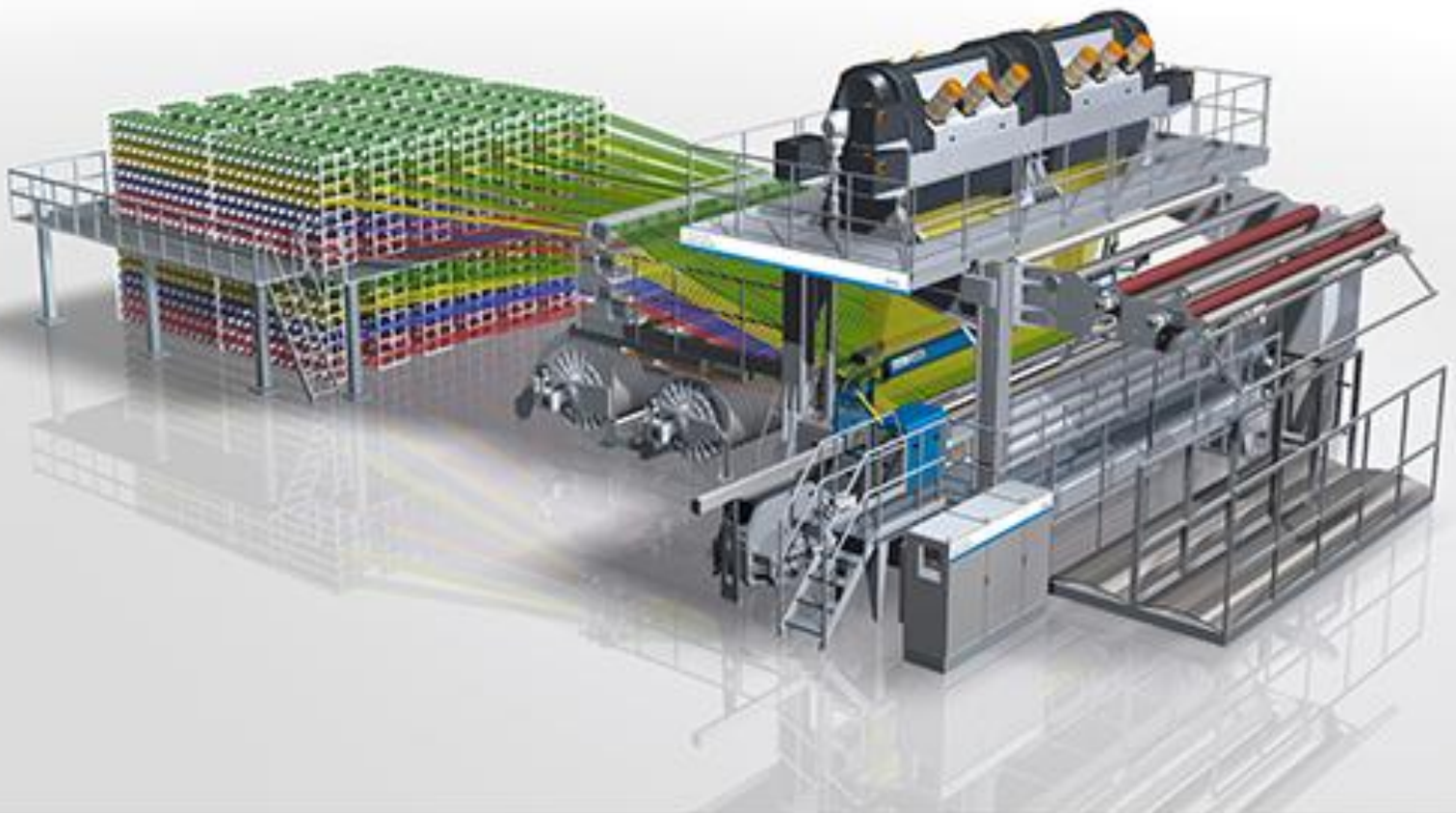
Systems.

The range of carpet designs being offered today is extremely broad, so the market is very challenging, demanding agility in the mill. Carpet weavers must have equipment that allows them to produce unique designs in order

to remain competitive.

The ALPHA 500 series of carpet weaving machines allows mills to produce a very wide variety of sophisticated designs. These machines are easy to program and are highly reliable in operation. The ALPHA 500 enables

carpet producers to maximize their design creativity, offer an exceptional collection that stands out from the masses, and react swiftly to changing market demands, thanks to the highly efficient production technology.



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

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

Nonwovens unlimited

Spot-on solutions from just one source



Needlepunch



Spunlace



Finishing for Spunbond



Wetlaid

Find out more at ITMA Asia,
October 15-19, hall 2, booth A24

Multiple options – single source. With top-notch expertise and experience from ANDRITZ, you benefit from a virtually unlimited portfolio of nonwovens production technologies. Whether you

need wetlaid, finishing equipment for spunbond, spunlace, or needlepunch – we respond with spot-on solutions. From forming to finishing, we have the answer. Take advantage of the

ANDRITZ global presence and service centers for efficient support. Excellent service expertise ensures high uptime and productivity. Stay ahead. Team up with ANDRITZ.





SDL Atlas Welcomes STEPHETEX as Exclusive Distributor for France and Morocco

SDL Atlas is pleased to announce that STEPHETEX is now the exclusive distributor for SDL Atlas in France and Morocco representing their full range of textile testing instruments, test materials and services.

Stephanie Loquet, Director of STEPHETEX, has over 20 years of experience of Sales and Marketing and seven years of experience of working with SDL ATLAS products.

Stephanie Loquet said, "I am delighted to be given the opportunity to continue my relationship with SDL Atlas in growing STEPHETEX in the territories of France and Morocco. I am enthusiastic and proud to represent such an innovative company."

Simon Dakin, SDL Atlas Sales

Director for Europe, said "Stephanie has gotten off to a flying start with instruments and test materials already being ordered in her territory. We have every confidence that she will provide our current and new customers such as Bureau Veritas, Decathlon and Lacoste, outstanding support and look forward to our companies' futures together."

Committed to providing customers confidence in standard based testing, SDL Atlas has offices and experts in the United States, United Kingdom, Hong Kong and China, plus agents serving over 100 countries, SDL Atlas is ready to support its customers with instruments, test materials, and services anywhere in the world.

9 Things To Consider When Developing a Wet Testing Laboratory

Our Technical Specialist Sara Williams discusses how to construct a best-practice Wet Laboratory for textile testing.

Developing a reliable wet testing laboratory that provides accurate and correlatable results is a critical part of any business strategy for brands, garment manufacturers and independent test houses alike. "A good testing laboratory allows a factory to have control over every aspect of its operations", explains Sara. "If the factory is under control it has satisfied customers, increasing business, a growing reputation and maximum profit."

Why is a Wet Laboratory necessary?

Tests such as colour fastness to washing, colour fastness to rubbing, colour fastness to light (weathering), rain repellency testing and many more – must be conducted in a controlled wet laboratory environment to ensure the efficacy of the test and reliability of results. A water supply is crucial for these types of tests.

"Laboratories where Wet Testing is carried out have no special



www.textiletimes.com



23rd Years of Success

Because advertising matters...
Textile Times[®]
 A Monthly Magazine



www.textiletimes.com

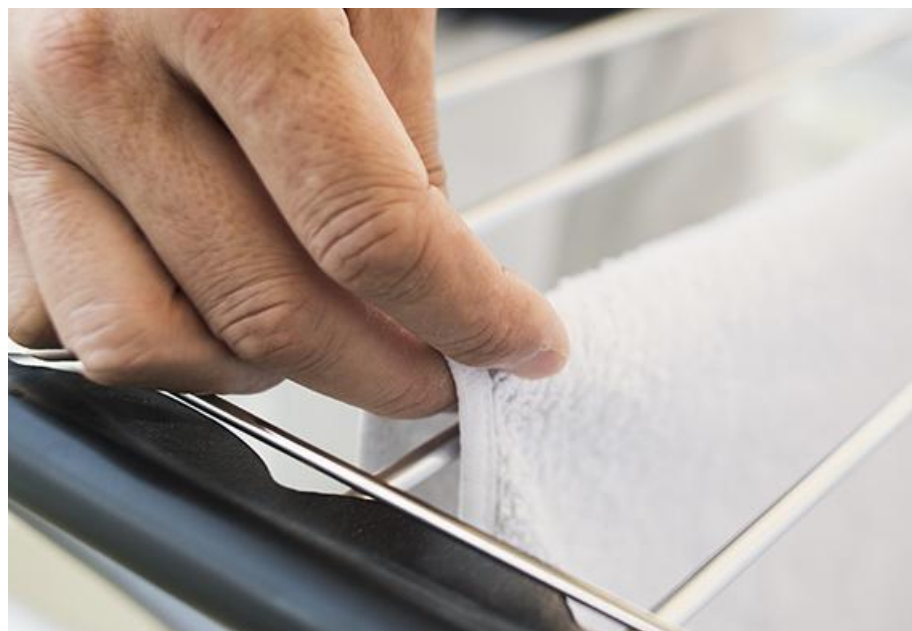
SDL Atlas is pleased to announce that STEPHETEX is now the exclusive distributor for SDL Atlas in France and Morocco representing their full range of textile testing instruments, test materials and services.

Stephanie Loquet, Director of STEPHETEX, has over 20 years of experience of Sales and Marketing and seven years of experience of working with SDL ATLAS products.

Stephanie Loquet said, “I am delighted to be given the opportunity to continue my relationship with SDL Atlas in growing STEPHETEX in the territories of France and Morocco. I am enthusiastic and proud to represent such an innovative company.”

Simon Dakin, SDL Atlas Sales Director for Europe, said “Stephanie has gotten off to a flying start with instruments and test materials already being ordered in her territory. We have every confidence that she will provide our current and new customers such as Bureau Veritas, Decathlon and Lacoste, outstanding support and look forward to our companies’ futures together.”

Committed to providing customers confidence in standard based testing, SDL Atlas has offices and experts in the United States, United Kingdom, Hong Kong and China, plus agents serving over 100 countries, SDL Atlas is ready



to support its customers with instruments, test materials, and services anywhere in the world.

9 Things To Consider When Developing a Wet Testing Laboratory

Our Technical Specialist Sara Williams discusses how to construct a best-practice Wet Laboratory for textile testing.

Developing a reliable wet testing laboratory that provides accurate and correlatable results is a critical part of any business strategy for brands, garment manufacturers and independent test houses alike.

“A good testing laboratory allows a factory to have control over every aspect of its operations”, explains Sara. “If the factory is under control it has satisfied customers, increasing business, a growing reputation and maximum

profit.”

Why is a Wet Laboratory necessary?

Tests such as colour fastness to washing, colour fastness to rubbing, colour fastness to light (weathering), rain repellency testing and many more – must be conducted in a controlled wet laboratory environment to ensure the efficacy of the test and reliability of results. A water supply is crucial for these types of tests.

“Laboratories where Wet Testing is carried out have no special requirements in terms of air conditioning or decoration,” explains Sara. “However, there are important considerations you need to make, for example; they need to be easy to clean, have surfaces and fittings that are chemical resistant and should allow sufficient space



TESTEX®

TESTEX tests and certifies -
worldwide with Swiss reliability.
TESTEX AG

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

Phone +41 44 206 42 42
Fax +41 44 206 42 30
E-Mail zuerich@testex.com
Web www.testex.com



to add extra large items, such as additional washing machines, at a later time.”

1. Location:

It's not a good idea to locate the testing instruments in the same open location as the laboratory dyeing and finishing machines, as there is always the possibility that dye or chemical can contaminate the fastness testing instruments – and this may give false results.

2. Temperature

In warmer climates there is a lot of hot machinery, and the work involves a lot of standing and walking. Providing a comfortable temperature for your employees to work is an advantage.

3. Size and Construction

- The room should be large enough to accommodate immediate and projected

future needs and should be constructed with normal building materials.

- Access to an outside wall is desirable so that equipment like Tumble Dryers and Fume Cupboards can evacuate to the atmosphere.

- No special doors are required and windows are acceptable.

The space available for this room should be the maximum available, not just to allow for the installation of additional machines but also because it may have to allow for the drip, flat and line drying of shrinkage tests and this can require a lot of space.

4. Floors & Walls

The floors and walls should be ceramic tiled in an appropriate light colour, maybe reflecting the Company's logo/corporate image to a height of 1.5mts. and can be

painted above this height with semi-matte light-coloured paint.

5. Electrical Supply

The electrical supply and other relevant services should be carried in trunking around the walls with double electrical sockets spaced two metres apart. If computerised instruments will be installed a protected supply should be provided for these. Machines such as the Wascator should be connected through a Direct On-Line Supply incorporating and isolator in order to protect the machines electronic components.

6. Lighting

Lighting can be basic fluorescent tubes or LED, so long as the area is well lit. Any colour assessment should be carried out in a specialist light cabinet.

7. Workbenches

- Workbenches should be of convenient working height for work to be carried out standing up.
- They should be 60-75 in depth.
- The worktops should be chemical and splash resistant and may be ceramic tiled – the colour light or white.
- A selection of cupboards and drawers should be available under the worktops, at least one of which should be large enough to store 50ml burettes.
- The colour of the doors and

drawer fronts should co-ordinate with the wall tiles and should reflect a clean, bright and efficient image, preferably reflecting the company's corporate image.

- Drying shelves made in the same way as those used for conditioning specimens in the Conditioned Laboratory must be provided either as separate free-standing units, or fitted below the worktops. At least 5 shelves 60 x 60cms should be provided.

8. Water

In most laboratories, the water necessary for general use may be drinking water though for some specific applications softened water is preferred.

The water used for making all test solutions and also for detailed chemical analysis should be pure water produced by a de-ionisation, (or in some circumstances, distillation), and a good standard of drinking water is appropriate as a supply for the de-ioniser.

Note that water produced by reverse osmosis for use in dyeing machines is not pure enough for laboratory work.

- The accepted specification for water used for making general test solutions such as those for fastness tests is detailed in ISO 3696 Grade 3.
- For analytical tests such as Determination of

Formaldehyde, ISO 3696 Grade 1 water is required in order to achieve accurate results.

9. Drainage

A lot of water is used in this room and consequently, there has to be an appropriate drain system – this may be from the testing machines, the drains and also for floor areas used for areas where shrinkage tests are dried.

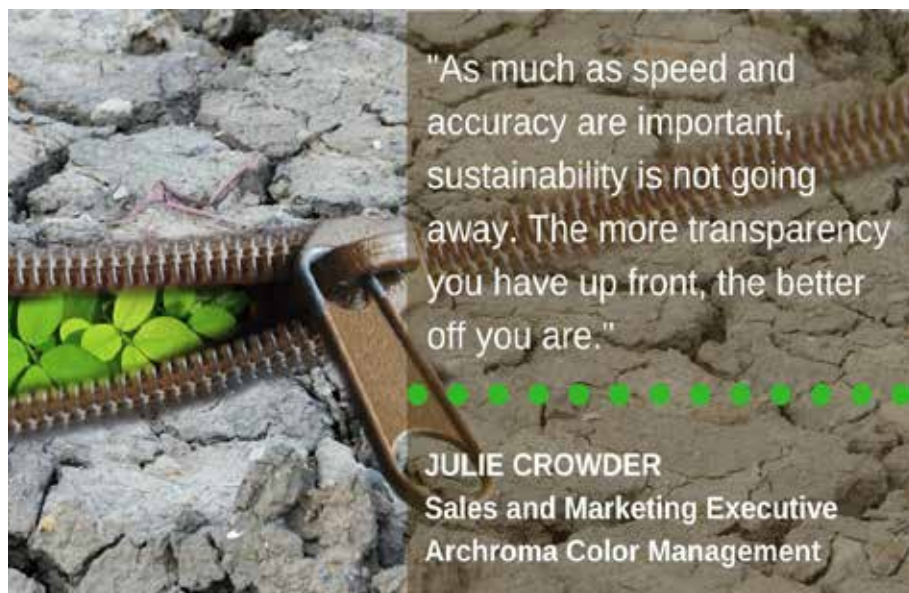
Sinks, preferably made from stainless steel, should have hot and cold water supplies and high level taps. A 4" free drain will be required for a Wascator, and Whirlpool Washers drain pipes must be connected into the laboratory drains above the height of water that is in the machine when it is full. This is to prevent siphoning effects that may empty the machine during operation.

When installing Whirlpool Washers, and Wascators for Marks and Spencer Accreditations, it is necessary to have a supply of hot water because Whirlpool machines do not have heaters and M & S Test Methods specify that the Wascator must be supplied with both hot and cold water. In these situations, it is necessary to provide a supply of hot water or install a water heater that is capable of producing sufficient hot water to fill all of the washing machines at the same time.

If you enjoyed this article, you may also like our free download, "12 steps to constructing a conditioned laboratory":

About the Author

Sara Williams is a Technical Specialist at James Heal, working closely with Alice and Peter as part of the Technical Team.



As our 'Core Instrument Technical Specialist', Sara uses her experience within the garment and textile industry, to provide expertise and support to James Heal's customers, colleagues and channel partners.

Sustainability, Color, and the Textile Industry: What You Need to Know

"Sustainability and environmental impact are becoming increasingly important to both businesses and consumers. Business is looking at ways to reduce environmental impact by developing novel processing methods." Daniel Aitken, Datacolor UK Service Manager.

Here is a pop quiz for you: What is one major topic that everyone is discussing, but no one seems to have completely nailed? You guessed it. It's sustainability. No matter what industry you are in, you have probably heard the word "sustainability" at least a couple of times a day. Companies all over the world are coming up with five-year plans to go 100% green.

But even if the change to become more environment friendly is not a top priority at your company right now, there are some color management steps you can take immediately to score points for your good karma balance. This is especially valuable because, as we know, color dyeing is one of the worst offenders when it comes to pollutants, water waste and energy consumption. In 2015

alone, the gas footprint from textile production was roughly 1.2 billion tons of CO₂, which is more than all international flights and maritime shipments combined. Textile dyeing and treatment is accountable for about 20% of water pollution globally. And while your company's process for dyeing is an internal decision, Datacolor CAN help make that process more efficient—which could support your sustainability efforts in a big way.

Defining Sustainability

For the sake of discussion, we think it's important to define how we view sustainability. You can have your own definition, too, and that is OK. Some companies use cradle-to-cradle certification (a globally recognized measure of safer, more sustainable products made for the circular economy) as an example, while other companies may define it as a reduction of waste. Datacolor addresses

sustainability from an efficiency standpoint. By producing the minimum waste possible, you can achieve better operational efficiency and make a positive impact on the environment.

Reducing Physical Samples

Physical samples are so last season. You heard us right. Any time you have to dye a piece of fabric, you are not being sustainable. It's a fact. And what if you have to do it more than once? The goal should always be to minimize the resources you are spending on sample development. We have already mentioned water and energy waste as well as chemical pollutants which have a negative impact on the environment.

But what about all the time and fuel spent on shipping samples overseas for evaluation? That hurts the environment, too. From where we stand, physical samples need to go (or at least be



"When it comes to sustainability and cost savings, if you still have to create dye formulations 3, 4 or 5 times before you get the color correct, you could be saving much more. The textile industry needs to embracing color management technology."

TODD LEE

Textile Industry Product Manager at Datacolor



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

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



Depending on the overall goals of your company, sustainability might not be a priority for you yet. No matter where you are with environmental impact, profitability of the business is always an area of focus. Have you ever considered how sample production can affect your bottom line? Despite the common misconception that color sample development is free, it is actually



a very expensive process.

If you calculate the cost of raw materials, dyes, overnight courier services, energy and labor, you will get a seven-figure number of potential waste in just one fiscal year. Some of our customers claim that they easily spend two million dollars on color samples per year. This is a huge potential savings and is worth sharing with your leadership.

Managing color digitally allows you to be more efficient with your time and resources. Moreover, digital color management can help offset rising dye and chemical costs. As per our definition of being efficient, spectrophotometers and color formulation software can help you perform or function in the best possible manner with the least waste of time and effort. Doesn't it sound nice?

Sustainable Mushroom Leather and Spider Silk

While focusing on your internal processes to attain sustainability, do not forget the new technologies and materials that are now available. New startups are coming to market with the promise to change the fashion world and make a positive impact on the environment overall. Some of our favorite companies transform plastic bottles into swimsuits and produce sneakers out of kelp.

But innovation doesn't stop there. New players have introduced more sustainable materials like

leather made of mushrooms and fabrics made with spider silk. It sounds cool and promising, but what does it mean for color departments? Should the color management process be adapted for the new trends? And if so, how?

Controlling Color for the Fabrics of the Future

We know what a standard color management process for textiles look like.

- Inspiration colors from the design team are measured using spectrophotometers.
- Color palettes are evaluated digitally and color standards are communicated to suppliers.
- Unacceptable physical samples get eliminated for more efficient color development
- Frequent quality checks are performed to make sure the production lots match the approved color standards.

An important step in the color management process for the supplier is figuring out the color formula. The supplier must determine what type and amount of dyes are needed to achieve a certain color, and they must also take into account the dyeability of the fabric. Datacolor Match Textile, for example, enables faster color development by

providing optimal color recipes and ultimately leads to reduction in shade corrections, dye consumption and overall waste elimination of dyestuff, chemicals and water.

Once the fabric is dyed, it needs to be evaluated against the color standard that represents the ideal color. Some do it visually using light booths and some do it digitally for better objectivity and faster results. This is a quality control step that will determine whether the produced color is good to go or needs to be reworked.

There is really no difference in the way you would manage color for these types of fabrics. Dye is dye and color is color so you can rest assured that Datacolor instruments will help you nail down the right formula and evaluate the result in the same manner as with more common fabrics.

This also rings true with natural dyes. This is another emerging trend that is gaining traction. The process of dyeing may be different, but color management remains the same. Creating a formula and then performing quality control can be done on Datacolor instruments and software or any other digital color management tool of your choice.

Efficient Color Development is Part of Sustainability

All these new technologies are truly promising and disruptive. But



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

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

can they really reduce the negative impact on the environment? It is important to remember that even the most sustainable materials won't be able to counterbalance poor processes. It is not enough to adopt sustainable fabrics. The processes need to be optimized, otherwise the waste created due to multiple rounds of dyeing will make the whole concept fail.

Digital color formulation solutions with Datacolor's SmartMatch optimize recipes and reduce re-dyeings, hence eliminating dyes, water and chemical waste. If any off-color dyes are created in the process, these formulation software solutions can help re-dye it into a different shade or work it into a different batch. This helps to save the materials that would be otherwise wasted.

Additionally, customers want to see high quality and consistency in the clothing they purchase, and sustainable garments are no exception. Brands who choose to work with novelty fabrics and modern technologies need to establish efficient color workflows to make sure that product colors meet customer expectations. This being said, digital color management should be part of modern product development to help achieve sustainability whether you work with cottons or mushrooms alike.

Sustainability is trending. But unlike any other trends that come and go, sustainability is here to

stay. We are recycling plastics and bringing reusable tote bags with us for grocery shopping. It is time for color development to be sustainable, too. Are you prepared for the change?

X-Rite Announces Next Generation i1Pro 3 for Print and Imaging Professionals

The third-generation i1Pro spectrophotometer is twice as fast, more reliable, and more accurate. GRAND RAPIDS, Mich., January 13, 2020 – X-Rite Incorporated and Pantone LLC, global leaders in color science and technology, today announced the third-generation of its popular i1 Family of Color Management solutions for the print, imaging and photo industries. The redesigned i1Pro 3 spectrophotometer is more accurate and reliable as well as two times faster than its predecessor.

The i1Pro 3 is ideal for professionals who require accurate color from their printer, display, and projector. Customers can use the i1Pro 3 to better track and verify monitor and print quality and capture spot color measurements. X-Rite will showcase the i1Pro 3 this week at the Color20 Conference, San Diego, CA and later this year at DRUPA, June 16-26, Düsseldorf, Germany.

“For more than 10 years the i1Pro Family has been the go-to solution

for imaging professionals who require accurate color profiling,” said Ray Cheydleur, Printing and Imaging Product Portfolio Manager, X-Rite.

“The third-generation i1Pro takes color management to the next level by significantly improving on device speed and supporting new high brightness display requirements. With the i1Pro 3, color professionals can quickly and easily incorporate color standards across all digital devices and print production equipment for repeatable and predictive color management.”

The new i1Pro 3:

- Offers a custom, full-spectrum LED light source, which allows for single-pass scanning and improves device reliability and accuracy.
- Measures M0, M1, and M2 simultaneously in a single pass while accounting for optical brighteners. Prepress and print operators can quickly predict how colors printed on optically-brightened substrates will look under different lighting conditions.
- Reads smaller patch sizes (6mm x 6mm) twice as fast as the i1Pro 2 with improved accuracy. Press operators can read more patches per target in both spot and scanning modes for less pages to print and scan.

Huntsman Textile Effects To Feature Comprehensive Suite Of High Performance Products At Outdoor Retailer Snow Show

Singapore – Huntsman Textile Effects will be featuring its award-winning coloration technology and HIGH IQ® intelligent effects at the upcoming 2020 OutDoor Retailer Snow Show in Denver, Colorado.

As the industry leader in innovative and environmentally sustainable textile solutions, Huntsman Textile Effects offers mills and brands a comprehensive suite of high performance products that meet the fast-changing market needs. With its wealth of textile industry knowledge and experience, Huntsman Textile Effects is the preferred partner to help mills around the world achieve greater productivity and efficiency.

Huntsman's featured products:

Unparalleled PFC free solutions

Huntsman Textile Effects' PFC free solutions including extensive PHOBOTEX® RSY non-fluorinated durable water repellents and Teflon EcoElite™ renewable sourced water repellents from its long-term alliance with Chemours. They are a perfect combination of excellent water repellency with extremely high washing resistance and meet the stringent requirements of the

Huntsman Textile Effects HIGH IQ® Repel performance assurance scheme. The HIGH IQ® Repel program is designed to help mills, brands and retailers meet global demand for eco-friendly apparel with rain and stain protection. Combining innovative durable water repellent finishes with unparalleled technical expertise, the HIGH IQ® Repel program provides durable eco-friendly and sustainable protection for every performance need: everyday, outdoor and extreme adventures.

Huntsman Textile Effects' HIGH IQ® assurance program includes a comprehensive range of products from cutting edge moisture management technology to UV protection. Backed by the industry's leading range of innovative, eco-friendly intelligent textile effects, fabrics treated with our intelligent effects are sustainable textile products that deliver the performance and benefits consumers expect of high-quality brands.

Award-winning innovative dyes

Offering textile Dyes for every application method and fibre type, Huntsman Textile Effects is proud to share the award winning AVITERA® SE dyes

which uses ground-breaking technology to reduce water and energy consumption by up to 50% while increasing productivity through shorter production time. Our TERASIL® W/WW dyes are a robust and high performance washfast dye range for polyester. It achieves right-first-time performance and is bluesign® approved and suitable for STANDARD 100 by OEKO-TEX® certified textile products. For polyamide/elastane fabrics, ERIOFAS®T dyes are the perfect solution for sportswear, swimwear and lingerie garments. These unique acid reactive dyes specially developed for dying deep intensive shades with the highest wet-fastness properties ensure excellent color blocking even on challenging microfibers.

State-of-the-art sustainable inks

Digital inks solutions include the range of NOVACRON® ADVANCE reactive inks that lets you achieve remarkable coloristic performance and shade intensity with superior fixation and fastness results. Our range of ERIOFAS®T VISTA inks is a unique sustainable digital printing solution for polyester-cotton blends which uses a simple urea-free system to outperform the best



VANDEWIELE
Michel Vandewielestraat 7
8510 Marke
Belgium

Tel: +32 56 24 32 11
Email: info@vandewiele.com
www.vandewiele.com

alternative solutions in terms of brilliancy, gamut, color depth and fabric handle at reduced energy consumption and emissions. Easier and more efficient to use, these digital ink ranges require minimal maintenance and results in greater saving while meeting stringent industry standards.

Hohenstein to test for new international GMO protocol

BÖNNIGHEIM (aba) Hohenstein has earned accreditation to test cotton for genetically modified organisms (GMOs) according to a new protocol that forms the basis of the Global Organic Textile Standard (GOTS) Version 6.0, set for release in March 2020. Hohenstein is one of only a few institutes worldwide to qualify.

The new protocol was developed by the International Organisation for Standardisation (ISO) International Workshop Agreement (IWA). The ISO IWA was formed in an effort to implement an official, standardised GMO testing protocol for GOTS certification.

GOTS is an internationally recognised standard for organic, natural fibres. While not all non-GMO cotton is organic, all organic cotton must be free of GMOs to be approved by GOTS. Beginning with GOTS Version 6.0, testing to verify non-GMO seed cotton is required.



Hohenstein performs the GOTS-approved GMO test by isolating cotton DNA from the undyed product and testing for the worldwide most common cotton lines. A positive test result clearly indicates that genetically modified cotton seeds had been used. This is one of three methods of testing for GMOs offered by Hohenstein, which has also developed detection

methods that can be used on cotton further down the supply chain, including raw fibre, yarn, fabric and finished goods. Hohenstein has been accredited according to ISO 17025 by DAKKS for all three methods. In addition, GMO testing is carried out in accordance with STANDARD 100 by OEKO-TEX.



James Heal™

Richmond Works
Halifax
HX3 6EP
England

t: +44 (0)1422 366355
f: +44 (0)1422 352440
e: hello@james-heal.co.uk

Hohenstein has developed molecular biological detection systems especially for cotton products. It covers all aspects of the supply chain, from raw cotton to yarns and fabrics to end products. Manufacturers, brands, certifiers and consumer protection organisations receive clear yes / no results for GMO-free cotton products.

The sample is crushed and cotton fibres are mechanically and enzymatically extracted. The genetic material (DNA) is separated from the fibres and purified through a multi-stage process.

About Hohenstein

With over 1,000 employees in more than 40 branches, offices and laboratories worldwide, Hohenstein is an internationally oriented testing services provider and research partner in the textile industry. Hohenstein has developed molecular biological detection systems especially for cotton products, covering all aspects of the supply chain, from raw cotton to yarns and fabrics to end products.

Levi Strauss & Co. and Hohenstein collaborate to bring safer chemicals to the apparel industry using ECO PASSPORT by OEKO-TEX®

SAN FRANCISCO; BOSTON
(November 19, 2019) Levi Strauss

& Co. (LS&Co.) and Hohenstein today announced a collaboration to utilize the ECO PASSPORT by OEKO-TEX® certification system in the LS&Co. supply chain. This will amplify the capabilities of the Screened Chemistry program developed by LS&Co., helping establish a clearer pathway toward safer chemistry in the apparel industry by providing enhanced levels of testing, verification and transparency for chemical safety.

LS&Co. and Hohenstein both approach chemicals management from the perspective that safer inputs lead to safer outputs. Screened Chemistry, originated by LS&Co. as an open source program others can adopt, scrutinizes chemical formulations to prevent potentially hazardous compounds from entering the apparel supply chain and identify safer alternatives. By screening emerging chemistries that are not yet covered by Manufacturing Restricted Substances Lists (MRSLs), LS&Co. has created a more holistic approach to ensuring safe and responsible chemicals management.

ECO PASSPORT by OEKO-TEX® is an independent certification system for chemicals in the apparel, textile and leather industries. During a multi-stage process, ECO PASSPORT analyzes whether each individual ingredient in a chemical product meets international statutory requirements and is not harmful to human health. On-site

inspections can validate claims that suppliers are using safer and better chemistry, manufactured according to industry best practices.

“Levi Strauss & Co. is committed to responsible chemicals management across our supply chain and our industry. This collaboration helps take our existing programs to the next level by establishing a new standard for responsible chemical stewardship that melds the hazard-based approach of Screened Chemistry with the robust testing and validation capabilities of Hohenstein,” said Michael Kobori, Levi Strauss & Co. VP of Sustainability.

“We believe that the collaboration between LS&Co. and Hohenstein is a significant step toward identifying and pulling better chemistry into apparel, footwear and textile supply chains,” said John Frazier, Senior Technical Director at Hohenstein. “The coupling of Screened Chemistry, ECO PASSPORT by OEKO-TEX®, brand leadership and progressive chemical suppliers is a powerful signal of good things to come for chemicals management.”

The combined use of Screened Chemistry and ECO PASSPORT complements the recognized standards agreed upon by the Zero Discharge of Hazardous Chemicals (ZDHC) Roadmap to Zero initiative, an industry collaboration designed to drive the



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

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



KHANTEX International

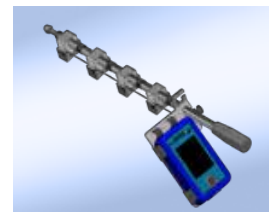
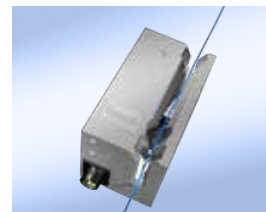
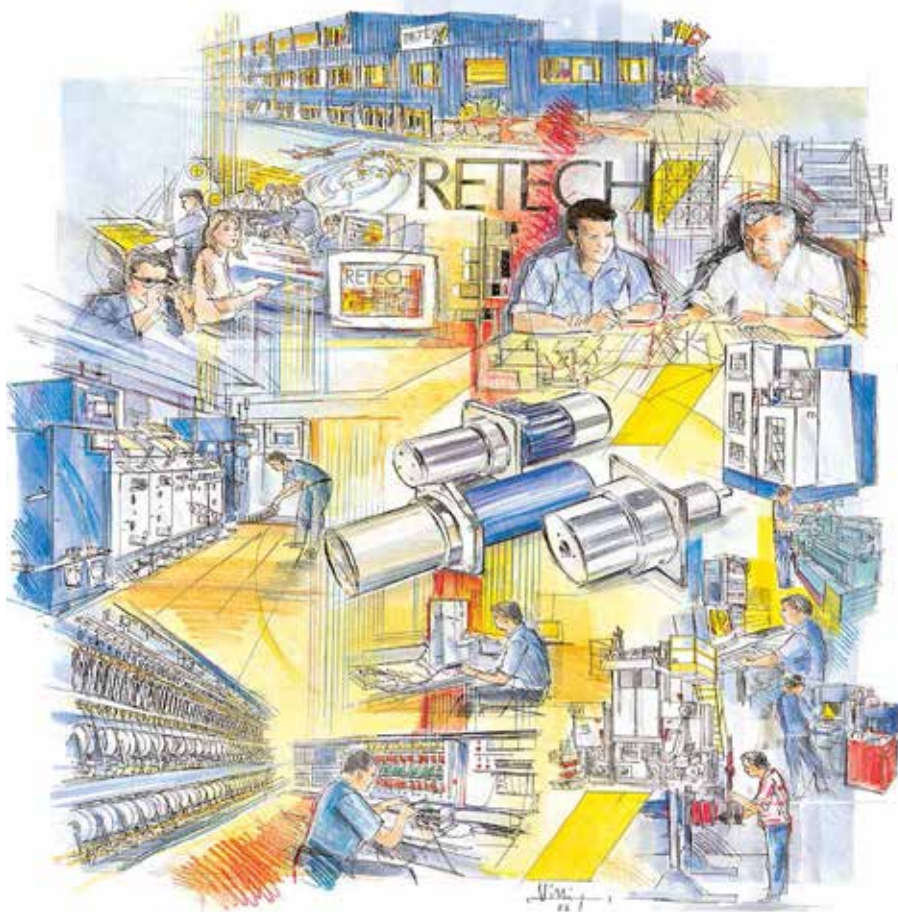
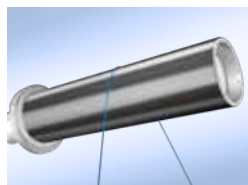
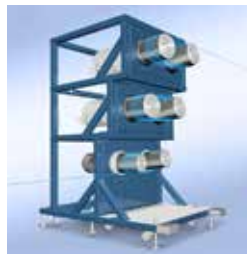
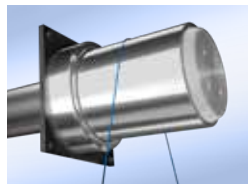
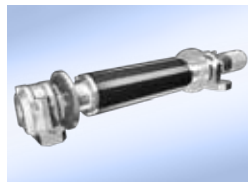
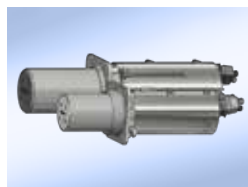
The Art of Textiles

We deal in Textiles, Home Textiles & Machines

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

Tele: +92 51 2855125, +92 51 2324466, Fax: +92 3009766099

Email: khantexintl@gmail.com



RETECH

**expert at
drawing your
fibres to
perfection**

Retech Aktiengesellschaft
Lindenmattstrasse 16
CH-5616 Meisterschwanden
Switzerland
Phone: +41 56 676 66 33
Fax: +41 56 676 66 36
E-mail: info@retech.ch
web: www.retech.ch

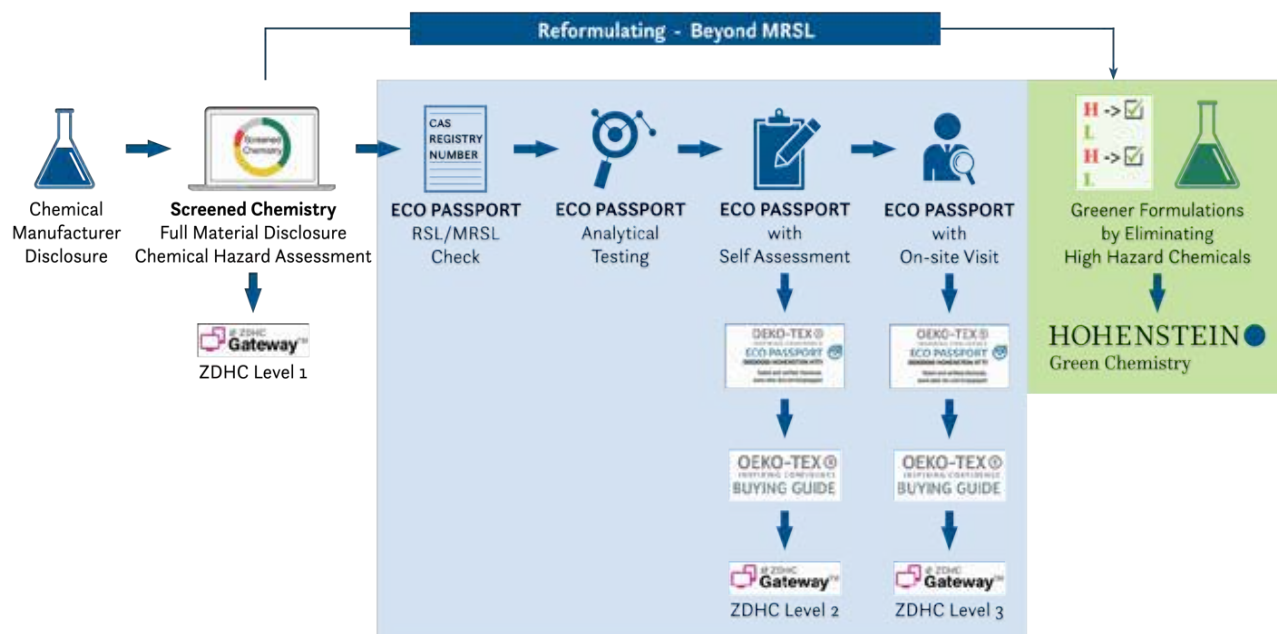
adoption of safer chemistry across the apparel supply chain. Through its testing and on-site verification, ECO PASSPORT will enable chemical suppliers to achieve higher levels of conformance with ZDHC. ECO PASSPORT's certification results are published in the OEKO-TEX® Buying Guide, providing a credible third-party assessment of chemical supplier performance.

This partnership will enable LS&Co. to advance and better implement its existing chemicals management program and create a template that others in and beyond apparel can follow. The result is a program that goes beyond a risk management approach and provides a roadmap for companies to eliminate and prevent the introduction of chemical hazards in the supply chain.

About Levi Strauss & Co.

Levi Strauss & Co. is one of the world's largest brand-name apparel companies and a global leader in jeanswear. The company designs and markets jeans, casual wear and related accessories for men, women and children under the Levi's®, Dockers®, Signature by Levi Strauss & Co.™ and Denizen® brands. Its products are sold in more than 110 countries worldwide through a combination of chain retailers, department stores, online sites, and a global footprint of approximately 3,000 retail stores and shop-in-shops. Levi Strauss & Co.'s reported fiscal 2018 net revenues were \$5.6 billion. Editor's note: In 2000, LS&Co. was one of the first companies to establish a Restricted Substances List (RSL), which identifies chemicals that are

prohibited in the manufacturing of our products due to their potential impact on consumers, workers and the environment. LS&Co. was also the first company in the apparel industry to establish global guidelines for wastewater quality for supplier factories. LS&Co. is a member of the Joint Roadmap Toward Zero Discharge of Hazardous Chemicals (ZDHC), an apparel industry collaboration that drives systemic change with a goal of zero discharge of hazardous chemicals by 2020, and has worked with Nike, C&A, H&M and Gap Inc. to develop screening methodologies for dyes, pigments and commodities to expand the program beyond auxiliary chemicals to cover all chemicals used in the supply chain.



DORNIER

Lindauer DORNIER GmbH
Rickenbacher Str. 119, 88131 Lindau
Deutschland

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



Lucky Textile Mills Limited recently achieved C2C Silver for their line of home textiles

Lucky Textile Mills Limited recently achieved SILVER-level Cradle to Cradle Certification for their line of home textiles, including bedding (duvet covers, pillowcases, cushion covers, fitted sheets, and flat sheets) and other linens like tablecloths, napkins, decorative curtains, and more. They come in plain dyed colors, white, and even prints.

CRADLE TO CRADLE®

Cradle to Cradle® is a registered trademark of McDonough Braungart Design Chemistry, LLC (MBDC). Cradle to Cradle Certified^{CM} is a certification mark licensed exclusively for the Cradle to Cradle Products Innovation Institute. For more information about the Cradle to Cradle Products Innovation Institute and a list of the full program criteria, visit www.c2ccertified.org.

Welspun India's Hygro Cotton completes 15 years

Welspun India's leading innovation brand - HygroCotton – has completed 15 years. The company has also accomplished another milestone of achieving \$ 1 billion of global sales (FOB) since its introduction. HygroCotton is crafted with a proprietary spinning technology, producing yarn with a hollow core. HygroCotton towels come with a quick-dry technology.

SAURER.

SAURER AG
Bleikenstrasse 11
9630 Wattwil Schweiz

Tel: +41 71 4475111
info@saurer.com



Welspun India's HygroCotton completes 15 years

The quick-dry technology makes the product softer, fluffier and more absorbent after every wash. The patented process makes bed sheets more breathable, wicks away moisture, are temperature adaptive and get softer after each wash, helping one sleep cool and comfortable.

In addition to bringing groundbreaking performance to sheets and towels, HygroCotton's unique hollow core yarn is now revolutionising sleep. The new HygroCotton 'Sequenced Sleep System' is an extraordinary

collection of mattress pads, sheets, comforters, blankets, and pillows - all of which regulate temperature to keep one cooler in summer and warmer in winter. Its sleep system enhances one's comfort.

Kick starting the yearlong celebration of HygroCotton in Frankfurt, Dipali Goenka, CEO and Jt MD said, "Welspun has always been associated with its unique and innovative product offerings. Completing 15 years of HygroCotton reaffirms our belief and also entrusts us with a larger responsibility to provide better

products and bring more delight to our customers."

Global Home Textile Market Forecasts, 2019-2024 Market Expected to Face a Considerable Challenge from the High Cost of Logistics

The global home textile market is one of the most profitable business segments in the global textile industry and is expected to grow at a CAGR of 5.5% for the period of 2018-2024.



www.textiletimes.com



23rd Years of Success

Because advertising matters...
Textile Times[®]
 A Monthly Magazine



www.textiletimes.com

INNOVATION AND TRADITION

**The spectrum of application of the air-jet terry weaving machine
DORNIER ServoTerry®**

- Jacquard, dobby and cam motion in nominal widths 190 to 360 cm
- Free selection of pile height and number of fillings per terry group
- Precise mirrored pattern weaving
- Terry fabrics with high fabric weight
- Diverse borders with varying filling yarns
- 8 color filling feed
- Flexible, fast changeover from tucked to cut selvages
- Reduced maintenance needs with drive systems CompactDrive and DORNIER SyncroDrive® without clutch-brake unit



Quality creates value

DORNIER

WEAVING

www.lindauerdornier.com

Key Highlights

- The industry is witnessing a steady growth driven by factors, like rising consumer spending on home renovation and fashion sensitivity toward household furnishing.
- The United States and Europe are the biggest consumers constituting 60% of the home textiles imports, with countries like India, China, and Pakistan being the key suppliers.
- Rising focus on the market by governments and favorable regulatory policies are expected to be one of the major reasons for the market disruption. Such support has met with growth in investments in the market, further strengthen growth.
- The global home textile market is expected to face a considerable challenge from the high cost of logistics.
- Growing real estate market along with growing consumer spending on a home renovation is also expected to drive the market growth.

Major Market Trends

- Asian Countries are the Major Suppliers of Home Textiles Globally
- As of 2016, the prominent suppliers, such as China, India, Turkey, Pakistan, Belgium, Germany, Netherlands, the

United States, Portugal, and Poland, held 80% share among global major suppliers. China has the maximum share of 39% with USD 18 billion, followed by India (11%) with USD 5 billion.

- Poland has emerged as a supplier of home textiles during 2011-2016, with a growth rate of 4.6% but at small base value. However, China has remained almost stagnant with a growth rate of 0.2%, while countries, such as the United States, Belgium, and Germany, have a negative growth rate.
- Growing Bed Linen & Bed Spread Segment
- Bed linen includes bedspreads, blankets, mattress, mattress cover, pillows, duvets, duvet covers, and bed covers, among others. Bath linen includes bathrobes, bath towels, and bath mats, among others. In 2015, the bed linen and bedspread segment registered a value of USD 49 billion.

Competitive Landscape

- The report covers major international players operating in the Global Home Textile Market. In terms of market share, few of the major players currently dominate the market. However, demand is driven by consumer income.
- Large companies compete through volume purchasing,

breadth of products, and effective merchandising and marketing. Small companies focus on a market segment and compete through the depth of products and superior customer service

Lenzing to present BEDifferent with Tencel x Refibra

Lenzing presented for first time BEDifferent with Tencel x Refibra fibres at Heimtextil (January 7-10, 2020, Frankfurt). Tencel Lyocell fibres with Refibra technology facilitate good moisture management by regulating absorption and release of moisture thus supporting body's natural thermal regulation and provide breathability comfort throughout the night.

In addition, the smooth fibre surfaces of the Tencel Lyocell fibres create fabrics that are gentle on the skin. Lenzing invited talented students from top European universities, such as Nuova Accademia di Belle Arti Milano, University of the Arts London, and Aalto University Finland, to dive into the world of sustainable Lenzing fibres and create a bedding collection inspired by their vision and with respect for the environment. Lenzing's latest breakthrough for its pioneering Refibra technology with the industry's first successful production of Tencel Lyocell fibres using post-consumer cotton waste will also be the high-end



basis for sustainable high-quality home & interiors products.

Recently, Lenzing announced the second phase of Refibra technology upgrade by incorporating up to 10 per cent of post-consumer cotton waste into the current mixture of 30 per cent recycled materials alongside pre-consumer cotton waste. This step is a key milestone in the textile industry and empowers brands and retailers who are looking for eco-responsible solutions by giving textile waste a second life. Transparency being key, Lenzing uses a special identification technology for Tencel x Refibra fibres so to assure consumers that the fibres in the final textile product contain recycled materials. "We at Lenzing care

about the future and invest in sustainable solutions. Innovative thinking minds created Tencel x Refibra fibres and young and creative thinking minds created the BEDifferent collection. The next generation's way of thinking was very inspiring to all of us and with this project the respect for people and the planet came into life with every single Tencel x Refibra fibre. We are very excited to present the best three collections at our booth during Heimtextil and the students will be happy to share their way of thinking with the public about sustainable fibres," said Ebru Bayramoglu, Head Of Global Business Development Home & Interiors in Lenzing. The collections are not for sale but might inspire home textile producers for future bedding

concepts.

The Lenzing Group stands for ecologically responsible production of specialty fibres made from the renewable raw material wood. As an innovation leader, Lenzing is a partner of global textile and nonwoven manufacturers and drives many new technological developments. The Lenzing Group's high-quality fibres form the basis for a variety of textile applications ranging from elegant ladies clothing to versatile denims and highperformance sports clothing. Due to their consistent high quality, their biodegradability and compostability. Lenzing fibres are also highly suitable for hygiene products and agricultural applications.

Biancalani
MACCHINE TESSILI

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

E-mail contacts@biancalani.com
www.biancalani.com

DRIVING GLOBAL DENIM TRADE, DOMINATED BY ASIAN



In recent years, the global denim trade has been moving up with high growth rate. Total trade increased by 33.17 per cent from 2013 to 2019, according to data from TexPro. The global trade of denim was \$8,660.67 million in 2016, which increased to \$9,221.84 million in 2018. The total trade of denim has risen by 4.26 per cent in 2018 over the previous year.

Further, it is anticipated that the total trade would reach \$12,783.48 million in 2021 with a CAGR of

3.19 per cent from 2018.

The global export of denim was \$6,344.45 million in 2016, which increased by 8.50 per cent to \$6,883.47 million in 2018. Total exports moved up by 5.90 per cent in 2018 over the previous year and is expected to reach \$10,411.50 million in 2021 with a CAGR of 4.16 per cent from 2018.

The global export volume of denim was 837.31 thousand tonnes in 2016, which boosted by 13.02 per cent to 946.34 thousand

tonnes in 2018. Total exports rose by 9.06 per cent in 2018 over the previous year and is expected to reach 1,137.09 thousand tonnes in 2021 with a CAGR of 6.31 per cent from 2018.

China (\$4,219.72 million), Pakistan (\$580.28 million) and India (\$405.39 million) were the key exporters of denim across the globe in 2018, together comprising 75.62 per cent of total export. These were followed by Hong Kong (\$367.46 million), Turkey (\$338.01 million), the

Suessen

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

Phone: +49 (0)7162 15-0
Fax: +49 (0)7162 15-367
E-mail: mail@suessen.com



US (\$156.63 million) and Italy (\$145.65 million).

From 2013 to 2018, the most notable rate of growth in terms of export value, amongst the main exporting countries, was attained by China (171.19 per cent) and India (31.81 per cent).

China (571.47 thousand tonnes), India (72.51 thousand tonnes) and Pakistan (56.48 thousand tonnes) were the key exporters of denim across the globe in 2018, together comprising 79.86 per cent of total export. These were followed by Hong Kong (55.32 thousand tonnes), Turkey (41.23 thousand tonnes), the US (23.40 thousand tonnes) and Mexico (19.79 thousand tonnes).

From 2013 to 2018, the most notable rate of growth in terms of export volume, amongst the main exporting countries, was attained

by Pakistan and India.

Browzwear & Jeanologia to produce sustainable denim

Browzwear, the pioneer of 3D technology for the fashion industry, and Jeanologia have announced an integration partnership that will enable designers to create, visualise, and produce denim garments more efficiently and ecologically responsibly. Jeanologia is a creator of sustainable and eco-efficient technologies for the garment finishing industry.

Both Browzwear and Jeanologia are dedicated to innovating fashion reality for a more sustainable future, providing technologies that promote creativity and growth of the fashion industry while also reducing its negative environmental

impact. By integrating their technologies, the companies are at the forefront of a new era of environmentally-conscious fashion production, according to a press release by Browzwear.

Browzwear's 3D design and workflow solutions help apparel businesses to produce less while leveraging data-based insights and true-to-life digital garment twins to sell more. Jeanologia is spearheading the sustainable-isation movement in the textile industry with its laser and eco technologies that reduce water and energy consumption while eliminating damaging emissions and waste in the garment finishing process.

With the integration of Jeanologia, companies using the Browzwear platform to design freely in virtual 3D and produce perfectly in reality will have the ability to visualise their creations with photographic-



www.textiletimes.com



Because advertising matters...

Textile Times[®]
A Monthly Magazine



www.textiletimes.com



quality rendering of Jeanologia's finishes. When moving to production, the instructions for the finishes are included with those for the garments, ensuring the finished physical product looks exactly like its digital twin.

"The fashion industry has too long been wasteful and inefficient, and the very future of our planet requires companies like ours, those taking action and making a positive impact, to band together. This technology integration is just the first step in what we envision as a partnership that will accelerate the development of more sustainable solutions," Sharon Lim, co-founder and CEO of Browzwear said.

"Just as we have been committed to reducing waste and prevent contamination of the world's precious water supply, Browzwear is keeping thousands and thousands of rejected samples and unsold styles out of landfills. At the same time, we both want to encourage experimentation and creativity, and through this partnership, we're confident designers will find freedom along with responsibility," Enrique Silla of Jeanologia said.

LicenseWorks to build Carrera Jeans brand in India

Italian denim brand Carrera Jeans is planning to make inroads into

India by joining hands with LicenseWorks, which will help expand the brand in the country through licensing partnerships across categories like apparel, footwear and accessories for men, women and kids. Founded in 1965 in Verona, Carrera Jeans is present in over 20 markets across the globe. Carrera is an iconic brand inspired by the popular 'Carrera Panamericana' Race, said Rishabh Singla, managing partner at LicenseWorks.

India is an important market for the brand and the launch here is in line with the company's vision to reinforce its position as a leading global fashion and lifestyle brand, Indian media reports quoted

oerlikon

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

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

KHANTEX International

The Art of Textiles

House 1183, Street 1, Sector G-9/2
Islamabad, Pakistan
Tel: +92-51-2855125
Cell: +92-300-9766099
+92-313-5558866
Email: khantexintl@gmail.com

Since 1958 BUSI GIOVANNI Srl has specialized in the design and construction of single-cylinder machines with rib needles in the dial for the production of high-quality stockings, socks and tights.

Today, BUSI is recognized worldwide as one of the most prestigious producers of machines for high-performance, high-tech socks.

BUSI is a supplier to the most important producers of wool and cotton stockings, socks and tights, for the men's, women's and children's markets: classic, patterned, sports, technical-sports, as well as medical, with special solutions for graduated compression.

We sell in more than 60 Countries around the world (90% exports, and growing) through a network of partners that provide distribution and service. Our factory has a covered surface area of 3,000 m² and a staff of 40 employees.



Via Giovanni Busi, 14
25082 Botticino Sera (BS) - Italy
Tel.: +39 030 2190304

Mail: busi@busigiovanni.com
Web: www.busigiovanni.com





Carrera Jeans chief executive officer Gianluca Tacchella as saying.

PG Denim to present new concepts at Munich Fabric Start

PG Denim, the designer project by Paolo Gnutti, is presenting important product innovations notably new concepts developed for S/S 2021 season in the Blue Zone at Munich Fabric Start (September 3-5). The focus will be on circularity seen from dual perspective: the product with no longer traditional alternation

of seasons and a sustainability oriented approach.

The new PG Denim approach is geared towards overlapping seasonality, with less and less marked separations between projects dedicated to the spring-summer and fall-winter lines. The collections by PG Denim can thus be increasingly defined as a 'mix of products without seasonality'. Its focal points are innovation alongside the concept behind the initial idea, as opposed to just the season, said the company in a press release.

"This trend is also due to registering

the fact that seasonality - in terms of environment and trends - is changing at an increasingly rapid pace. As a response to this situation, the choice has been made to design new collections starting from macro-trends and presenting fabrics for garments which are easy to wear, suitable for both warm and cold temperatures, in a true melting pot of weights and sizes," said Paolo Gnutti, CEO and R&D head at PG Denim.

The lines for the previous season are thus reintroduced and restyled playing with weights and sizes, within a range where flock meets



VANDEWIELE
Michel Vandewielestraat 7
8510 Marke
Belgium

Tel: +32 56 24 32 11
Email: info@vandewiele.com
www.vandewiele.com

ultra-light fabric bases, or where vinyl is combined with typically summer weights which shift the fabric towards the world of 'paper' with crispy touches, resulting in extraordinarily lightweight and strong items at the same time. Also the garage denim has been upgraded with fluid and smoothed touched for garments which are easy to wear and have a strong personality.

The PG Denim season is also enhanced by its partnership in The Denim Window project, which has resulted in a limited series of Creative Capsule Collections, derived from the idea of bringing together companies which had already worked or were working together, trying to highlight -

through small capsule collections - the best of what had already been produced by traditional businesses. This has resulted in three trailblazing capsules, two of which designed in partnership by PG Denim and companies the likes of M&J Group, Cadica and Greenwear. Several copies of these collections have been made to travel the world, and they are going to have a special corner at the Denim Window in the Bluezone at Munich Fabric Start.

Also the PG Denim approach to accountability in production processes has been enhanced by implementing the 'Circular Programme'. As part of its corporate vision, Italian-style production is combined with

compliance with what have become known as 'the five Rs', that is to say key concepts underlying the design and manufacturing model: Reduce (everything you are not using), Repair (everything you can), Reuse (anything available to you), Recycle (all that is left), Respect (everything around you). This is the philosophy underlying each individual process at PG Denim, and leading to new specific programmes which have been its business focus over the past few months.

As regards regular production, on the other hand, PG Denim follows stringent international standards, including Dtox, Reach and Gots in all its processing



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

phases, also using BCI cottons and the Organic Cotton Standard for raw materials. Last but not least, it was recently awarded the GRS (Global Recycled Standard) certification.

In partnership with Berto and Eurotessile, PG Denim offers a completely integrated supply chain to deliver amazing 100 per cent Made In Italy fabrics, following the stream of fashion contamination. Customers such as Diesel, Closed, Chanel and Louis-Vuitton have chosen the premium fabric by PG Denim that since 2018 has also been one of the official sponsors of the 'Vicenza Calcio' football team.

Saitex revamps impact of denim with U.S.-based production

Saitex, the Vietnam-based sustainable denim manufacturer responsible for the production of denim lines for 18 brands including Everlane, G-Star Raw, Polo Ralph Lauren and Target, has been described as the "world's cleanest denim factory".

Saitex aims to resolve costs of US-produced denim through creating an automated process in its upcoming American plants. The company is also the only apparel manufacturer in Asia to join the list of 2,500 B Corp-certified companies around the world, of which only 95 operate in the fashion sector.



Liu Jo takes first step towards sustainability with Better Denim collection

Italian denim label Liu Jo has taken its first step on the sustainability road with the brand's Better Denim collection, which was introduced in January 2019. Like many other fashion brands, Liu Jo is exploring the best ways to make its operations more sustainable in the years to come. FashionUnited

has spoken to CEO Marco Marchi about the new collection and the next steps.

Guess introduces sustainability initiative with Guess Eco collection

American clothing brand and retailer Guess's Guess Eco collection is a part of the brand's goal to develop its denim from a more environmentally friendly

DORNIER

Lindauer DORNIER GmbH
Rickenbacher Str. 119, 88131 Lindau
Deutschland

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

production output. The collection, which includes clothing for both men and women, is made up of sustainably-sourced materials. The Guess Eco collection has been available online at Guess's website as well as the company's retail locations from September 2019.

Zappos partners with Cotton Inc's Blue Jeans Go Green program

American online shoe and clothing retailer Zappos has joined the

recycled denim bandwagon. The retailer's community outreach program, Zappos for Good, has partnered with Cotton Inc. on the latter's Blue Jeans Go Green program to help consumers recycle denim. The program offers a free shipping label downloaded from the Zappos website, to send a box of denim weighing no more than 50 pounds to the company.

Driving sustainability: A look inside the Tommy Hilfiger denim centre

American heritage brand Tommy Hilfiger announced its plans for a new line of 100 percent sustainable denim in January 2019. The Tommy Hilfiger denim centre where the brand is pushing its sustainable denim initiative is located at the PVH HQ in Houthavens, Amsterdam. The centre is split into four sections: The denim fabric library, the in-house denim atelier, the denim lab and the denim academy.



www.textiletimes.com



Textile Times TMI



www.textiletimes.com

INNIO acquires BHKW & Energie Group: Services position in Germany significantly strengthened

- Specialist in gas-engine combined heat and power plants
- Longtime, proven sales and service partner of INNIO
- Broad service network throughout Germany

Jenbach/Ravensburg, January 15, 2020 - Recently, INNIO has agreed to acquire BHKW & Energie Holding GmbH, its long-standing sales and service partner in Germany and specialist for combined heat and power (CHP) and environmentally friendly energy solutions. BHKW & Energie Holding GmbH has three affiliates: Energas BHKW GmbH, EPS BHKW GmbH and EPS Rental GmbH. These companies boast a service portfolio that includes planning, construction, maintenance and sales of CHP plants and gas engines in the 50 to 9,500 kW_{el} power range. The group's services include rental of mobile CHP containers, supplying genuine spare parts, maintaining gas engines and analyzing and optimizing existing assets. The group, which employs a total of around 190 people, has a broad service network with locations in Ravensburg, Beesten, Kulmbach, Magdeburg, Rostock, Lübeck and

Wilhelmshaven. More than 1,500 CHP modules with an output of over 1,200 MW_{el} are maintained by the group.

Carlos Lange, President and CEO of INNIO, is satisfied with the agreed upon acquisition: "The acquisition of the BHKW & Energie Group and their affiliates Energas and EPS is a very important step for INNIO as it significantly strengthens our service network in Germany. For our customers, this results in a classic win-win situation with the best of two worlds: top-class engine technology coupled with high performance in planning, implementation and maintenance. Energas and EPS enjoy an excellent reputation in the industry. Making use of this solid foundation, we would now like to further expand our joint position. The cutting-edge technology from Jenbach and our ongoing innovations, for example in the areas of hydrogen-gas mixtures and biogas utilization, will provide valuable momentum.

In addition to managing directors Joachim Maier, Andreas Hülsing and Peter Mertel, the prior owners of BHKW & Energie Holding GmbH were Swiss Energie 360 Grad AG. All three gentlemen will

remain with the Group as Managing Directors and, with their expertise, ensure continuity in the management of the company. The transaction is subject to approval by the competition authorities, which is currently expected by the end of the first quarter of 2020.

About INNIO

INNIO is a leading solutions provider of gas engines, power equipment, a digital platform and related services for power generation and gas compression at or near the point of use. With our Jenbacher and Waukesha product brands, INNIO pushes beyond the possible and looks boldly toward tomorrow. The diverse portfolio of dependable, economical and sustainable industrial gas engines with 200 kW to 10 MW of power meets the needs of a wide range of industries around the world. INNIO provides support for more than 50,000 gas engines delivered worldwide throughout their entire life cycle. Backed by a network of service providers in more than 100 countries, INNIO can respond immediately to local service needs.



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

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

Topping out ceremony The roof is up



Just three months after breaking ground, Kaeser Kompressoren celebrated the topping out ceremony for its new production hall on Friday.

Gera/Coburg – With full order books and growing sales, it was time for the compressor maker and compressed air system provider to expand capacity at its production centre for refrigeration dryers. The product range was also expanding. Apart from adding assembly space, the project includes a new dryer testing room and an expanded logistics department. In total, it will add 2,300 square metres of usable floor space. Thomas Kaeser, the CEO of Kaeser Kompressoren, is pleased with the progress: “If the work keeps moving ahead at this pace, production could start in the new facility as early as June”. He added: “Gera is an important

location for us and the employees here make a big difference in keeping our customers satisfied. The new production facilities will enable them to do that even faster.”

Boosting innovation

In Gera, Kaeser manufactures blowers and refrigeration dryers with approximately 400 employees. All of the products stand out for their energy efficiency (e.g. energy-saving dryers), reliability and long service life. Thanks to a steady stream of innovations, KAESER is able to offer its customers state-of-the-art technologies on an ongoing basis. The expansion will help to maintain and enhance the company’s ability to innovate and continue meeting demand in the refrigeration dryer segment. The total investment amounts to

approximately 9 million euros.

Kaeser Kompressoren Gera emerged from Geraer Kompressorenwerke, originally established in 1877 as Heinrich Leo Metallwarenfabrik und Eisengiesserei. In 1890 it became Germany’s first manufacturer of compressors and by 1945 was the country’s leading producer, with a 70 percent market share. In 1991 the company was acquired by Kaeser Kompressoren.

The compressed air specialist, with its head office in Coburg, in the Upper Franconia district, now employs over 6,000 people in more than 100 countries around the world. The main production sites are in Coburg and Gera.



KAESER KOMPRESSOREN SE
Carl-Kaeser-Str. 26
D-96450 Coburg

Postfach 2143
D-96410 Coburg

Tel.: +49 9561 640-0
Fax: +49 9561 640-130
E-mail: international@kaeser.com





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

GROZ-BECKERT®

Groz-Beckert KG, Parkweg 2, 72458 Albstadt
Germany
E-Mail: contact@groz-beckert.com
Phone: +49 7431 - 10 0
Fax: +49 7431 - 10 2777



H-23/1, Landhi Industrial Area
Karachi - 75120, Pakistan
+ 92 213 - 508 1305
+ 92 213 - 508 1226
www.yunustextile.com



CHT R. Beitlich GmbH
Bismarckstr. 102, D-72072 Tübingen
Tel: +49 7071 154 0
Fax +49 7071 154 290
info@cht.com



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

DORNIER

Lindauer DORNIER GmbH
Rickenbacher Str. 119, 88131 Lindau
Deutschland
Tel.: (+49 8382) 7 03-0
E-Mail: webmaster@lindauerdornier.com
http://www.lindauerdornier.com

TEXLYNX

1485/C-1A Sarwar Road
Lahore Cantt.
Email: info@texlynx.com
Phone #: 0092-423-6688770-7

KMLG

Kohinoor Maple Leaf Group

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



J. Zimmer Maschinenbau GmbH
Screen & Coating Systems
9020 Klagenfurt, Ebentalerstraße 133, AUSTRIA
Phone: +43.463.3848-0, Fax: +43.463.3848-283
E-Mail: sales@zimmer-austria.com

USTER®

Think quality

Uster Technologies AG
Sonnenbergstrasse 10, CH-8610 Uster
Switzerland
Phone: +41 43 366 36 36, Fax: +41 43 366 36 37

TEXTILMASCHINEN

Thies

THIES GmbH & Co. KG
Borkener Str. 155, 48653 Coesfeld, Deutschland
Tel.: (+49 2541) 7 33-0
E-Mail: thies@thiestextilmaschinen.de
http://www.thiestextilmaschinen.de



Biancalani

MACCHINE TESSILI

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

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



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

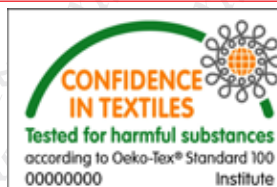


Italy — Itema s.p.a.
via Cav. Gianni Radici
24020 Colzate, Italy
Phone +39 035 728 2111
Fax +39 035 740 505

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



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



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



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



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



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



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



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



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



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



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



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



Kapuzinerstr 4, 47608 Geldern
Germany
Tel: +49-(0) 2831 9776 786
Email: info@fashiontimes.co

Asia Office
House 1183, Street 1, G-9/2, Islamabad -
44000, Pakistan
Tel: +92-51-2855125, Fax: +92-51-2855115

Textile Times January 2020 Advertising Index

Adam Kaepfel GmbH	Inside Back Cover
Andritz	53
Dornier	69
Global Textile	3
IGATEX Pakistan	4
ITM Istanbul 2020	19
Khantex Intl BUSI	73
Khantex Intl Derix	35
Khantex Intl MELCO	49
Khantex Intl Retech	65
Lenzing AG	Title Cover
Mayer & Cie	47
Mimaki	Back Cover
Olympia International	17
Premium Belting	23
Pulcara Chemicals	Inside Title Cover
Sedo Tree Point	13
Tanatex Chemicals	15
Tex World Denim	5
Tex World Paris	11
Yunus Textile Mills	8

kaeppel



heimtextil 

Hall
12.0 C70

Adam Kaeppel GmbH
Spicherer Straße 48 · 86157 Augsburg, Germany.
Telefon: +49 (0) 821/3 25 87-0 Fax: +49 (0) 821/3 25 87-49 Email: info@kaeppel.de
www.kaeppel.de

THE EVOLUTION OF TEXTILE PRINTING

FESPA
GLOBAL
PRINT EXPO

Madrid
24 - 27 March 2020

START EARLY

Scan the QR code on this
ad to get your free access
to FESPA now and see the
Mimaki TS55-1800 live!



SCAN ME



Meet Mimaki's evolutionary
dye sublimation printer –
the new TS55-1800

Bring your freshest ideas to
market **faster** and **more cost**
effectively than ever before
with the **newest member**
of Mimaki's textile family.

Join the Experience

Mimaki
www.mimakieurope.com