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Winter December Edition 2019

Heimtextil 2020 Special INTERNATIONAL



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Textile Times





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editorial

Dear Readers

Welcome to our December Edition specially Focused on Heimtextil 2020 and Domotex 2020. We wish all our readers a Happy and Successful "New Year 2020".

Heimtextil is the biggest international trade fair for home and contract textiles, and will next be held in Frankfurt am Main from 7 to 10 January 2020. The first trade fair of the year for its sector, it is a climate and trend barometer for the new business year.

271 Companies are exhibiting alone from Germany at Heimtextil 2020. In which are Designers, Machinery, Fibre and Chemicals suppliers, major Home and Institutional Textiles manufacturers and supplies like Ibena, Biberna, Curt Bauer, Herding, Kaeppel, Poetter Heimtextilien, Bierbaum, Irrisit, are the essence of Heimtextil.

Messe Frankfurt's very first Exhibition of 2020, Heimtextil - is opening its doors to welcome its visitors on 7th January, based on 12 Halls exhibiting more than 1700 Exhibitors from 132 countries, of which more than 265 belong from Pakistan. The major Exhibitors from Pakistan are Orient Textile Mills, Liberty Mills Limited, Gul Ahmed Textile Mills, Yunus Textile Mills, Ashabi Textile Mills, Al Rahim Textile Industries, Afroze Textile Mills, Al Karam Textile Mills, Kamal limited, Sadaqat limited, Fatima Weaving Mills, Kohinoor Textile Mills, KAM International, Nishat Mills Ltd, Haroon Fabrics, Bari Textile Mills, Sapphire Textile Mills, Arshad Corporation and many more.

Pakistan can beef exports to the EU by 15 times and not just in textiles ("GSP Plus potential). In fact, textile is only one of the sectors that enjoy GSP Plus concessions to 28 European countries. Since Pakistan became a beneficiary in 2014, its exports to the EU have averaged 32 percent, against 25 percent in the period prior to signing the scheme. However, the potential is much greater.

The good thing about Pakistan's quintal balance of payment crises is that it brings economic discussions into mainstream. Primetime talkshows abandon routine shouting matches, lining up their panels with preeminent economists – spirits of Economic Advisory Councils of present and past.

Their diagnosis? That Pakistan's export-base is small and narrow; and that expanding textile exports is the economy's only chance to

break out of this rut. Their prescription is that fiscal incentives for the sector – from tax-breaks on BMR, sales tax exemption and rebates – to an expansionary monetary regime to encourage capacity expansion, should stay.

Pakistan textile industrialists are willing to invest \$5 billion in the sector as China is pulling out of textiles.

Talking to "Textile Times", the textile industrialist said that the only industry working in Pakistan at the moment is the textile industry. "The domestic consumption has been curtailed in other sections, however export factories are working at 100 percent capacity".

The industrialist added that textile industry is competitive in only those countries where average earnings are less than \$100-150. "We have got the raw material, technology and labor, "we are globally viable and there is a demand for our product after 10 years".

The year 2019 - saw huge investments in Digital Printing in the Textile Industry of Pakistan, starting from ITMA Barcelona 2019 - decisions have been made for huge investments in Digital Printing BMR and expansions for Reggiani, SPG Prints, MS Printing Solutions and Durst the major talk of the town in digital printing manufacturers.

This is true, during "Textile Times" survey of the Pakistan Textile Industry in November, it is observed that at least 10 Major Textile Groups are investing in new Towel manufacturing units, many have already started planning for the installment and investments of wider width Dyeing Finishing Units for Home Textiles and Denim. The year 2020 seems to be a booming year for Textile Huge investments in Machinery in Pakistan after ten years.

We wish all the Exhibitors and visitors a very successful Heimtextil 2020, it's our pride to participate 16th Year at Heimtextil, Messe Frankfurt and we are highly satisfied by the management and organization of Messe Frankfurt.

Waseem J. Khan Editor in Chief



US textile executives comment on USMCA deal

The National Council of Textile Organizations (NCTO), representing the full spectrum of U.S. textiles from fibre through finished sewn products, welcomed the deal on the United States-Mexico-Canada Agreement (USMCA) trade pact reached between the administration and House Democrats on 10 December.

The deal paves the way for USMCA legislation to advance in Congress and NCTO will be fully engaged in helping move the trade deal across the finish line. The House and Senate must vote on USMCA and all three countries must ratify the trade deal before it can be implemented.

In this blog post, NCTO interviewed four U.S. textile CEOs who outlined how the provisions and improvements in USMCA will benefit their companies. These companies represent a sampling of the larger U.S. textile base, which will see broad-based improvements if the trade deal is implemented.

In 2018, the top 5 states representing textile employment were Georgia, North Carolina, South Carolina, California and Virginia.

The new USMCA, which updates and modifies the North American Free Trade Agreement (NAFTA), would greatly benefit the U.S. textile industry and bolster the industry's \$20 billion

in annual trilateral textile and apparel trade. U.S. textile exports to Canada and Mexico—the industry's top two export markets—totaled nearly \$12 billion in 2018, underscoring the importance of the trade deal to the industry's Western Hemisphere supply chain as well as its growth and investment in the U.S.

NCTO worked with the administration during negotiations on USMCA and successfully lobbied for several provisions that were incorporated in the trade deal that will close loopholes and strengthen U.S. Customs enforcement. The USMCA includes the following provisions aimed at helping strengthen and bolster business in the Western Hemisphere:

- Creation of a separate chapter for textiles and apparel rules of origin with strong customs enforcement language.
- Stronger rules of origin for sewing thread, pocketing, narrow elastics and certain coated fabrics. Under the current NAFTA, these items can be sourced from outside the region— USMCA fixes this loophole and ensures these secondary components are originating to the region.
- Fixes the Kissell Amendment, Buy American loophole, ensuring that a significant amount the





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Department of Homeland Security spends annually on clothing and textiles for the Transportation Security Administration is spent on domestically produced products.

The following textile executives provide insight into the implications of USMCA for their businesses and urge Congress to swiftly pass the trade deal.

Cotswold Industries Inc.

The USMCA trade deal will provide benefits for the entire U.S. textile supply chain, which has built a strong and well-established industry over the past 25 years under NAFTA, and stands to gain even more under the modified trade pact.

For New York-based Cotswold Industries, a vertically integrated textile engineering and marketing company that manufactures and distributes technical barriers, knitted and woven industrial fabrics and non-woven substrates to the apparel, industrial, military commercial workwear and home sewing markets, the new provisions in the trade pact will not only help provide certainty and stability in the Western Hemisphere but will also secure new opportunities.

James W. McKinnon, CEO, Cotswold Industries Inc., said his company exports a wide variety of fabrics to Mexico that account for more than 30-40 percent of its total exports.

"For us, the NAFTA agreement itself—and now the USMCA—is absolutely critical to maintaining the jobs and the business that we currently have, and that runs the gamut from automotive to home furnishings to apparel," McKinnon said. "All of those sectors are critically important to maintaining the free flow of goods over the border and it's mutually beneficial for not just the U.S. textile industry but for workers in Mexico and ultimately the U.S. consumer."

Over the past 25 years, NAFTA has provided a "tax free, duty-free environment" that encourages shorter lead times," he said.



U.S. textile producers have also benefited from the close proximity of Mexico to the United States as brands and retailers invested in the model of Just-In-Time manufacturing. With the explosion of online shopping, quicker deliveries have become even more critical with a greater reliance on manufacturing hubs closer to the U.S.

"NAFTA has been a counterbalance to cheaper goods from China and Bangladesh, especially in the industries where quick turn-around times and quick response is important," McKinnon said. "NAFTA and USCMA allow that process to continue and allow us to be competitive to lower cost Asian production."

McKinnon said the Western Hemisphere supply chain began to stabilize between 2005-2010 after offshoring in the 1980s and 1990s, which lead to a significant exodus of apparel business to Asia.

"The infrastructure in Mexico has been the leading cause of business staying there," McKinnon said. "There was a huge investment there and that production is now mature and that infrastructure established. It is a known commodity that U.S. brands will take advantage of."

USMCA will help maintain that critical supply chain, while opening new business opportunities for U.S. textile manufacturers.

Cotswold will be beneficiary of stronger customs enforcement in USMCA as well as the fix in the Kissell Amendment, Buy American loophole, which will require the Department of Homeland Security and the Transportation Security Administration to purchase a significant amount of domestically produced inputs for its uniforms.

Hamrick Mills Inc.

Hamrick Mills, Inc., a 119-year-old textile company based in Gaffney S.C., employing 470 people, is well positioned to take advantage of several new provisions in USMCA.

The company is a producer of greige woven fabrics in both poly/cotton blends as well as 100% cotton for use in the home furnishings and apparel and support apparel markets.

Hamrick Mills has built a strong business around the current NAFTA and anticipates new and expanded business with USMCA, said Cameron Hamrick, president of the company.

"I think there is a big desire to have certainty in the North American region. It's a new trade agreement, which the textile industry gave input on that was later incorporated into the agreement," Hamrick said. "There is less of a geopolitical risk of operating in North America for the US market. Without that certainty, it could easily drive more big end users to Asia."

He said a portion of the company's career uniform shirting fabric and hospital scrub material is exported to Mexico for cutting and sewing and shipped back to the U.S. for consumption. Hamrick also sells greige fabric to Mexico for the sheeting market.

"Right now, a significant portion of our total business in the supply chain goes through Mexico," Hamrick said,









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adding that the company sells its fabrics to converters, which complete the manufacturing process in Mexico and returns to USA consumers.

The stronger rule of origin for pocketing is a significant component for Hamrick Mills.

"Of course, the pocketing provision strengthens the overall demand for textiles in the region because it has a stronger rule of origin, which is a big deal for us," Hamrick said. "It gives the U.S., Canada and Mexico an opportunity to fill that need that was getting filled by the Eastern Hemisphere because of the exclusions [in NAFTA] for the nonvisible components."

Hamrick said under NAFTA, a majority of pocketing fabric was fulfilled by non-signatory countries, primarily from Asia. USMCA's strong rule of origin on pocketing and interlinings will allow only the signatory countries in the region to participate duty free. The fix to the Kissell Amendment loophole will also help Hamrick Mills expand its shirting business.

"We do a lot of shirting that we sell for Berry Amendment requirements. We sell products to various [apparel] companies that participate in Berry Amendment uniforms, and we would in turn be able to expand that through the Kissell Amendment requirements, especially in the areas of Homeland Security and TSA."

"In order to compete on a global level, we need to have USMCA for textiles. That's for sure."

Hamrick said the trade agreement is critical to maintaining a Western Hemisphere platform and will create more certainty for the textile industry in North America, which will help our industry grow.

Greenwood Mills Inc.

Greenwood Mills, Inc., a 130-year-old textile producer based in Greenwood, South Carolina, is well positioned to take advantage of provisions in the USMCA. James C. Self III, president and CEO of

Greenwood Mills, said the company has two distinct businesses—fabric and apparel.

Under NAFTA, Greenwood has built a significant workwear fabric export business to Mexico, and on the apparel side, the company makes finished blue jeans in Mexico.

Self said one updated provision in USMCA that could be a potential benefit is the strengthened rule of origin for pocketing, which will require pocketing fabric to be produced in the NAFTA region, as opposed to allowing the use of fabric from other countries such as China, which is the case under NAFTA. "There is a lot of interest over pocketing," Self said. Under NAFTA, companies can use foreign pocketing fabrics but USMCA closes that loophole and it is an area we are looking at in terms of potential new business," Self said.

Self said Greenwood is not currently in the pocketing fabric business because NAFTA allowed foreign-made pocketing which undercut U.S. pricing.

During the first few years after NAFTA was implemented in 1994, Self said Greenwood's denim apparel business in Mexico thrived, although it has since slowed over the past decade as some denim apparel production started to migrate to Asia from Mexico.

"It's still a significant business for us and the new deal could help that business. Anything that makes NAFTA more competitive against Asia is going to help," Self said.

"With the great growth in e-commerce, quick turn is going to be more critical to a lot of our retail partners. Mexico is the quickest of the quick turns in this industry," Self added.

Stronger customs enforcement provisions in USMCA will also help address long-standing and rampant textile fraud, such as transshipments from other countries trying to take advantage of NAFTA's duty benefits.

Self said the fix to the Kissell Amendment,

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Buy American loophole for TSA uniforms could also help boost the entire industry. "If it comes back to the U.S. and is treated the same way as the military, obviously that would be a big boost for Made in USA," he noted.

Inman Mills

Inman Mills, which is based in Inman, S.C., is a textile producer of a diverse range of products, from cotton yarn to highly technical fire retardant fabric, primarily exports bottom weight fabrics to the region, according to Norman Chapman, president and CEO of the company.

"From a pure capacity point of view, USMCA would lead to an increase in volume and I think that would make companies stronger," he said.

Chapman said the textile industry is a lot smaller since NAFTA took effect 25 years ago, but he noted that it is important to have a better free trade deal for the region, because it creates more volume for the industry overall.

Strengthening the rule of origin for pocketing and linings is a key benefit for companies, he noted.

"These are very competitive products but when they are coming in from outside of the agreement, you don't even get a chance at bidding on them," he said. "USMCA will require that they come from the region and it will add volume to this region, which is a good thing."

For Inman Mills, the revisions closing the Kissell Amendment loophole is an important component of the agreement. "That would be a significant benefit to us. Those are the types of fabrics that we manufacture," Chapman said. "With Homeland Security and TSA and the pocketing and lining [modifications] it would give us an opportunity for increased volume."

Chapman said Inman currently does a limited amount of pocketing but he said "most looms don't care what they weave," noting that more volume for the



region is good for everyone

New dimension in air management in IKEA curtains

No electricity required, no extra space occupied, the Gunrid curtain from IKEA looks like an ordinary curtain but performs a novel function – it purifies indoor air because it is infused with the latest technology in the HeiQ Fresh range – HeiQ Fresh AIR. Gunrid curtains will be available in IKEA retail stores in 2020.

HeiQ explains: "According to the World Health Organization, over 80% of urban residents are exposed to high levels of air pollution1. The concentration of VOCs indoors is generally higher than outdoors2.. While many VOCs are not considered as harmful to health, such as perfumes and fragrances, some others such as acetaldehyde, formaldehyde, nitrogen oxide (NO) and d-limonene and other semi-volatile polycyclic aromatic hydrocarbons are attributed as responsible for significant negative impact on health by the World Health Organization (WHO)."

"These VOCs come from outdoor sources as well as indoor sources such as furniture, paints, household cleaning products, sprays or cooking activities, as outlined in the clean air survey 2018, conducted by IKEA. Aiming to improve the lives of people through making everyday textiles more functional, HeiQ innovated a textile treatment that will use home fabrics such as curtains as a medium to purify the indoor air."

14 years ago, the Swiss company's foundation was inspired by bad smells on polyester hiking clothes. The HeiQ Fresh product family has evolved into a comprehensive textile solution platform that achieves "freshness" by tackling both odour-generating sources and reducing VOCs. This latest innovation focuses on odourless, potentially harmful VOCs and the research result – HeiQ Fresh AIR – adds a new dimension to the HeiQ Fresh range. This technology will be available in the market first on Gunrid curtains from IKEA.

"With HeiQ Fresh AIR, we aim to improve the air quality in consumers' homes with ease, simply by hanging up a curtain and utilizing the natural light passing through the window. A simple tool for something so important, fresh air in your home," says Carlo Centonze, HeiQ's co-founder and Group CEO.



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HeiQ Fresh AIR is a mineral-based Swiss technology infused into the curtain fabrics. It purifies the indoor air by using transmitted ultraviolet light (UVA) from the sun to transform problematic VOCs into components of fresh air. Curtains and other home fabrics infused with HeiQ Fresh technology therefore contribute to better homes with cleaner air.

How is the air purifying erformance measured?

Creating disruptive technologies for 14 years, HeiQ emphasizes the importance of identifying the correct testing methodology and creating standards to help brands, mills and consumers interpret the performance of a novel technology, By working closely with Prof. Dr. Detlef Bahnemann, head of Photocatalysis and Nanotechnology of the Leibniz University Hannover, Germany, test norms have been selected, capable to characterize the air purifying performance of fabrics infused with HeiQ Fresh AIR. The internationally recognized norms: ISO 22197-1 for NO and ISO 22197-2 for Acetaldehyde, the modified ISO 17299 to measure percentage reduction of VOCs as well as the modified ISO 10678 as a quick quality control test for mills.

WEEKLY COTTON REVIEW: prices slide by Rs 150

The prices of cotton decrease by Rs 150 to Rs 300 per maund. According to the estimates of Advisor on Commerce and Textiles Abdul Razak Dawood eighty lac bales of cotton will be produced. Import of cotton exceed by 35 lac bales. This year the import of cotton bales is biggest in the history of Pakistan and textiles.

In the local cotton market during the last week cautious buying was seen by textile and spinning mills while due to panic buying by the ginners over all bearish trends was seen in the market. The rate of cotton decreased by Rs 100 to Rs 300 per maund while the rate of good quality cotton witnessed a decrease of Rs 100 to

Rs 150 per maund. The rate of low quality, cotton decreased by Rs 200 to Rs 300 per maund. Over all the quality of all kind of cotton is below the level. Some textile mills were involved in limited buying. Despite lowest production of cotton in the history of country the buying by the mills were very slow the trading volume was very low.

This year the prices of cotton are high as compared to last year as well as the quality of cotton is also low due to which the buying of cotton was low otherwise generally, in these days buying of cotton was at its peak. Due to imposition of 10% sales tax on cotton, 7% sales tax on yarn and increase in the interest rate by the banks the textile mills are hesitant to stock the cotton. On the other hand the big textile groups who had the facility of tax free DTRE were importing cotton in sufficient quantity from abroad.

According to the importers up till now agreements for the import of 35 lac bales has been signed. According to the sources of All Pakistan Textile Mills Association (APTMA) mills had to import 60 lac bales to fulfill their needs of worth 1.75 billion dollars. The economy of the country had to bear the burden of import bill.

In Sindh the rate of cotton is in between Rs 7100 to Rs 9100 per maund while the rate of Phutti is in between Rs 2800 to Rs 4100 per 40 Kg. In Punjab the rate of cotton is in between Rs. 8200 to Rs. 9100 per maund while the rate of Phutti is in between Rs. 3000 to Rs. 4150. In Balochistan the rate of cotton is in between Rs. 7900 to Rs. 8400 per maund while the rate of Phutti is in between Rs. 3600 to Rs. 4150 per 40 kg. In all the three provinces increasing trend was seen in the prices of Banola, Banola Khal and Banola oil.

The Spot Rate Committee of Karachi Cotton Association stabled the rate of cotton at Rs 9000 per maund .

Chairman Karachi Cotton Brokers Forum Naseem Usman told that mixed trend was seen in the international market. The news of decreasing tension between the America and China trade war is the reason of increasing price of New York Cotton Market. According to the weekly export report of USDA despite increasing the export of cotton by 24% the rate of cotton decrease on the last day while the tension between America and China increases due to the Hong Kong issue.

The fluctuation was routine in the rate of Chinese cotton market while the downward trend continued in the prices of cotton in India because the reason is that it is expected that production of cotton will increase. The textile sector in India is in depression. Moreover, Pakistan is importing cotton from India in large quantity but due to ban on trade between the two countries this year up till now a large quantity of stock is present. Some importers had requested the government to resume trade with India but the government instead of accepting the request gave proposal to the importers that they should focus on strengthening trade ties with China.

On the other hand APTMA and textile exporters have demanded from the government to resolve the issues faced by textile sector. Both organizations have given advertisements in the newspapers regarding the issues faced by their sector. The organizations especially in the business of making textile products have requested the government to solve their longstanding demand of releasing amount of sales tax refund and insisted to solve other issues.

APTMA is demanding from the government to withdraw import duty on cotton. Both important organizations demanded that cost of power should be reduced to increase the exports. During the last three weeks APTMA leadership met several times with chairman FBR and Prime Ministers advisor on Commerce and textile Abdul Razak Dawood several times despite of that issues are not solved. According to the information Razak Dawood is insisting on restoring zero rated facility to five export oriented sectors other than textile. On last Friday while addressing the textile and Commerce committee of National



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Assembly Dawood said that it is expected that this year 80 lac bales of cotton will be produced in the country which is 70 lac bales less than the earlier estimate of one crore 50 lac bales. Moreover farmers are requesting to the relevant departments that good quality seeds and pesticides should be arranged before the next season so that cotton production should be increased. They were of the view that for the availability of good quality seeds Chinese agricultural experts and scientists should be consulted. Few days back Chinese experts visited Islamabad and gave suggestions for increasing agriculture production. The meeting was attended by agricultural experts from across the country.

Moreover, on Friday chairman APTMA Amanullah Kassim Machyara and Group Leader APTMA Gohar Ejaz addressed a press conference in order to highlight the issues faced by textile mills. They especially appealed the government to reduce the power tariff for textile sector. They said that a delegation of APTMA would go to Islamabad to hold meetings with concerned authorities on Monday December 2nd and shared their concerns with them.

Georgia Cotton Farmers Give Back to Those in Need

The Georgia Cotton Commission, on behalf of the 3,500 cotton farming families across the State of Georgia, recently donated 12,000 pairs of socks to Atlanta Mission.

Since 1938 Atlanta Mission, a Christian nonprofit ministry, has grown from a small soup kitchen to a multi-facility organization serving Metro Atlanta's large homeless population. Today, Atlanta Mission provides emergency shelter, rehab and recovery services, vocational training, services, and transitional housing. They serve more than 1,000 homeless men, women, and children every day. They will use this mixed size and gender lot of socks to serve the needy men, women, youth, and infants of not only Metro Atlanta, but the state at large.

Katrina Dantism, Atlanta Mission's Director of Partnerships & Volunteer Services, said, ""At Atlanta Mission we provide basic needs for up to 1,000 men, women, and children experiencing homelessness every day. We cannot do that without the generosity of the community. Something as basic as a new pair of socks provides these individuals with hope for a brighter future."

Georgia Cotton Commission Chairman *Bart Davis*, a cotton farmer from Colquitt County, said, "As a cotton producer, it gives me great pleasure and pride to be able to give back to our state in such a

bullish weekly action was a testament to recurring strong export-sales reports of the past few weeks, plus the fact money-managed speculators have finally turned net long. The incentive for them to reverse from their long-standing bearish course was formally triggered when the market closed above its 200-day moving average for several consecutive sessions. That indicator is a technical staple in the trading toolbox of trend-following funds and traders.

Next week, the market will continue to have a jumbled holiday schedule. Cotton will be closed on New Year's Day, with weekly sales and exports pushed back



meaningful way. The donation of cotton socks to the Atlanta mission helps people who truly need a little extra at this time of year."

The Georgia Cotton Commission is a producer-funded organization located in Perry, Georgia. The Commission began in 1965. Georgia cotton producers pay an assessment enabling the Commission to invest in programs of research, promotion, and education on behalf of all cotton producers of Georgia.

DTN Cotton Close: Finishes Slightly Higher

Cotton finished out Christmas week slightly higher. In fact, for the week, March Cotton was up 0.96 cent. The until Friday morning as well. Although Friday's exports-sales data was not exactly robust, some of its weakness may be attributable to the holidays themselves.

Beyond next week, the market is waiting with bated breath to see a signed deal with China. However, as of this writing, no scheduled date has been set for a formal ceremony. Thus the possibility of high anxiety and prices volatility during January is highly likely.

Friday, March cotton settled at 68.92 cents, up 0.22 cent, July finished at 70.78 cents, up 0.20 cent and December Next week, the market will continue to have a jumbled holiday schedule. Cotton

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Global News

Global Textile & Clothing News

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Pak ECC asks for review of tax exemption on cotton seed

The Pakistani cabinet's Economic Coordination Committee (ECC) recently asked the finance division to review a proposal seeking 5 per cent sales tax exemption on cotton seed cake. The meeting, chaired by finance adviser Hafeez Shaikh, referred the matter to the division for examination and asked it to submit a report in the next ECC meeting.



The ECC approved a technical supplementary grant of Rs4.05 billion that lapsed during fiscal 2018-19 under the Sustainable Development Goals Achievement Programme (SAP).

The re-allocated funds would be used under the SAP to make specific interventions as per demand of the community across the country in line with UN conventions, according to an official press release.

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

Over 7.861 million bales of cotton have arrived in 2019-20 season at various

has not procured any bale of cotton so far this season.

As of December 15, a total of 320



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.

Of 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)

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.

Azerbaijan sees 31.9% rise in cotton output over last year

Azerbaijan recorded a cotton harvest of 293,880 tonnes by December 11, according to the agriculture ministry, which said this is a 31.9 per cent increase over the figures during same period last year, when production was 222,748 tonnes. This is the result of the agrarian reforms, include measures to increase cotton harvesting, carried out in the country.

Cotton production in the country is most developed in Saatli, Bilasuvar, Barda,



Aghjabadi and Sabirabad regions.

The country's State Program for 2017-2022, approved in early 2017, aims at strengthening measures to develop cotton growing, increase export potential in the field, ensure employment of the rural population and increase cotton production.

The new goal of the government is to boost cotton production to 500,000 tonnes by 2022 from the current 260,000 tones, according to a Azeri news portal.

There are 23 cotton processing plants, seven yarn factories and three cotton oil enterprises in Azerbaijan.

BCI, IDH unveil 'Better Cotton Innovation Challenge'

The Better Cotton Initiative (BCI), IDH The Sustainable Trade Initiative (IDH), and Dalberg Advisors have unveiled the 'Better Cotton Innovation Challenge' – a global project inviting innovative ideas to improve sustainable cotton farming practices around the world. It asks innovators to find solutions on farmer training and efficient data collection.

The Innovation Challenge calls for innovators to submit disruptive solutions to enable effective and customised farmer training and efficient data collection. The deadline to apply to the Better Cotton Innovation Challenge is January 15, 2020.

Challenge one relates to customised training. "We are looking for innovations that can help bring customised training on more sustainable farming practices to hundreds of thousands of cotton farmers across the globe," BCI says.

Challenge two related to data collection. "Do you have an idea that could reduce the time and cost of farmer data collection to enable more efficient BCI licensing processes?" it says.

Challenge team is inviting innovators from universities, research and development labs, start-ups, and nonprofit organisations to apply. Solutions could incorporate machine learning,









image satellite-based analytics, recognition or behavioural nudges.

A prize money of EUR €135,000 will be spilt with up to four winners. Winners will also have the opportunity to pilot test and scale their innovations on the ground with BCI farmers.

"BCI has scaled rapidly over the past decade, and we now work with our partners to provide training, support and capacity building to more than 2.2 million cotton farmers. We are always looking for new ideas and solutions to enable us to keep improving the BCI programme. This is the first time we have launched a global challenge! We encourage anyone who is sitting on an excellent idea, to come forward and submit your application," Cristina Martin Cuadrado, programme manager, BCI, said.

"We have partnered with Dalberg Advisors on the Innovation Challenge to identify solutions which will help us deepen the impact the BCI programme has on cotton farmers and accelerate the adoption of sustainable cotton farming practices globally," Pramit Chanda, country director, IDH, said.

Nigerian cotton farmers target 3 lakh MT crop next season

Farmers under the aegis of the National Cotton Association of Nigeria (NCAN) have said they are targeting to produce over 300,000 metric tonnes of the crop in the next season. This is the result of increased funding by the Central Bank of Nigeria (CBN) under its anchor borrowers' programme, NCAN president Anibe Achimugu told stakeholders at a recent meeting.

Achimugu, who is the chief executive officer of ArewaCotton, said the association is working with CBN to scale up production next year, targeting a minimum 300,000 farmers and 300,000 metric tonnes of cotton.

NCAN has recognised and registered over 151,000 farmers and has been able to participate effectively under the anchor borrowers' programme, through which each farmer got a minimum of N170,000 in input financing, Nigeria media reports quoted Achimugu as saying.

BCI is launching revised version of **Claims Framework**

The Better Cotton Initiative (BCI), a global not-for-profit organisation, is releasing a newly revised version of Better Cotton Claims Framework. The updated framework includes key changes that allow members to communicate about their sustainability efforts in a clear and compelling way, while at same time, ensuring that information is accurate and credible.

The latest version includes a new type of sustainability claim for eligible retailer and brand members. By linking farm level results to contributions made by members through their sourcing of Better Cotton, impact claims demonstrate a member's contribution to BCI's global outcomes in relation to water, pesticides and profitability.

The Better Cotton Claims Framework is one of six components of the Better Cotton Standard System and equips members to make credible and positive claims about Better Cotton. The framework is an important tool that supports BCI's efforts to drive demand by building market awareness of the production of Better Cotton in partnership with BCI members. "We recognise that the need for members to communicate about sustainability is growing and evolving and that the framework must evolve in parallel with growing market and consumer demands. We must also give members the guidance they need to report on their achievements in a way that is credible and transparent, said BCI in a press release.

"In addition to new impact claims, the BCI on-product mark - one-way retailer and brand members can communicate directly to their customers – now references mass balance directly in the required BCI logo, and customers must be able to easily access information explaining that Better Cotton is not physically traceable to end products. It is important that customers wanting to know more about a member's sustainability claims and about BCI should have access to more detailed information.

115 retailer and brand members are currently communicating with their customers about Better Cotton, 76 of whom have set public targets to source a percentage of their cotton more sustainably, a requirement to use the on-product mark. We are encouraged by the contributions members are making to the sustainable future of cotton, and through the revised Better Cotton Claims Framework, BCI looks forward to the powerful ways members will share their



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Artistic Milliners' Director selected amongst 2019 SDG pioneers

The United Nations Global Compact announced ten new SDG Pioneers — young business leaders who are doing an exceptional job to advance the Sustainable Development Goals (SDGs). The 2019 search for SDG Pioneers focused on professionals aged 35 and under, working at any level in a company participating in the UN Global Compact.



Pictured: Artistic Milliners' Director Murtaza Ahmed. The 2019 SDG Pioneers attended the UN Global Compact Leaders Week organised on the sidelines of the 74th session of the UN General Assembly in New York this September. © Artistic Milliners

Artistic Milliners' Director Murtaza Ahmed is selected amongst ten 2019 UN Global Compact SDG Pioneers for promoting the gender equality and decent work and elevating Pakistan's garment industry onto the leading edge of corporate sustainability. With such achievement, Artistic Milliners has become the first entity from Pakistan to receive this global recognition.

Artistic Milliners has been a participant of the United Nations Global Compact

since April 2018 and is an active member of Global Compact Network Pakistan. Through Network Pakistan, the company has become a signatory to the Women's Empowerment Principles and participated in Network Pakistan forums, such as Linking SDGs with Sustainable Business Growth, in 2018. The SDG Pioneers were judged by an expert panel comprised of representatives of business, academia and civil society. The selection criteria included the individuals' commitment to embedding the Ten Principles of the UN Global Compact into their companies' core

strategies, their efforts to advance the

SDGs, as well as their engagement with

the UN Global Compact and its Local

Networks. The 2019 UN Global Compact

SDG Pioneers are from Pakistan.

Bangladesh, UK, Netherlands, Indonesia, Singapore, Kenya, Canada, USA and Myanmar.

Clean and safe workplace

This year, Murtaza Ahmed worked to create a factory carrying the Platinum certification issued by the Council's Leadership in Energy and Environmental Design, known around the world as LEED.

These certification credentials would dovetail with seven Sustainable Development Goals: Goal 3 (Good Health and Well-Being); Goal 6 (Clean Water and Sanitation); Goal 7 (Affordable and Clean Energy); Goal 9 (Industry, Innovation and Infrastructure); Goal 12

(Responsible Consumption and Production); Goal 13 (Climate Action); and Goal 17 (Partnership for the Goals).

In addition to creating a clean and safe workplace, Murtaza Ahmed worked tirelessly on gender quality issues: helping women live more satisfying lives; improving the company's bottom line; and advancing Goal 5 (Gender Equality) while filling 50% of the company's board of directors with women.

Diversity and inclusion strategy

With the launch of Diversity and Inclusion Strategy, Artistic Milliners aims to help the most marginalised groups in Pakistani society, including women, transgender people, differently-abled people and acid burn victims.



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marketing@monforts.de www.monforts.de This strategy is just one Artistic Milliners uses to integrate the Ten Principles into its business strategy. The company has a zero-tolerance policy on forced and child labour. In synch with environmental Principles 7, 8 and 9, Murtaza helped

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create Artistic Lab, a Denim Research & Innovation Center located in Dubai, to develop sustainable innovative solutions.

The denim manufacturing industry is a major user of water and the company is

a signatory of the CEO Water Mandate, a Compact initiative, and part of the Alliance for Water Stewardship.



American president meets Dürkopp Adler sewing technology at Louis Vuitton plant opening ceremony

Louis Vuitton has further globalized its production by opening a leather bag factory in Texas. The French luxury house's new 100,000-square-foot factory is located in the town of Alvarado, about 40 miles outside of Dallas.

We are proud that the new production center is fully equipped with latest Dürkopp Adler Premium sewing technology to ensure finest seam quality together with highest productivity.

LVMH CEO and chairman Bernard Arnault invited President Donald Trump to the ribbon cutting ceremony of the Louis Vuitton factory on October 17, 2019.



Lockstitch

A needle thread and bobbin thread are threaded through every needle. The front fabric and back fabric are stitched in the same way.

Lockstitch sewing machine DDL-9000BThis is a fundamental sewing machine used to stitch two pieces of fabric together for the sewing of a dress shirt, suit, or woman's garment.

Zigzag stitching machine LZ-2290AThis machine is designed to reliably stitch two or more pieces of fabric together with minimal fraying at the seams. The principal uses are women's undergarments and jackets.

Chainstitch

A single thread is stitched under the fabric in a chain-like pattern to create a knit-style seam.

Lock sewing machine MO-6800DThis sewing machine is also widely applied for underwear and sportswear because



it effectively sews overlock stitches for the seams of products formed with stretchable fabrics.

Button sewing machine MB-1800AButtons are sewn using various stitch patterns. This machine is a workhorse for sewing buttons in many types of clothes.



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Floor & More – DOMOTEX 2020 showcases integrated flooring, walland ceiling design

heimtextil

Press Release: Hannover, December 2019

The keynote theme for DOMOTEX 2020, which runs from 10 to 13 January in Hannover, Germany, is "ATMYSPHERE". Under this overall thematic heading, the world's leading trade fair for carpets and floor coverings is focusing on specific wellbeing-enhancing aspects of the spaces where we live and work. One such aspect is "Floor & More" the idea that rugs, cork elements and design panels need not be confined to our floors, but can adorn ceilings and walls also, creating an integrated design - a coherent, individual atmosphere that further enhances our sense of personal wellbeing. The upcoming DOMOTEX will feature an array of products that exemplify this approach.

Oriental Weavers , for example, produces tapestries that can be matched with its rugs and carpets to give rooms a stylistically coherent look. Its "Seychelles" product is a modern machine-woven tapestry featuring an atmospheric, abstract pattern in cool tones, available in five sizes. Used in combination with its "Kelim" cushion coverings, with their vintage designs and warm tones that complement Oriental-style floor coverings, they create the ultimate in harmonious atmospheres.



"Kelim", which is available in three sizes and is made of a hardwearing mix of chenille, viscose and polyester, can also

be used for squabs.

"Dekwall" by Wicanders, a brand owned by AMORIM Deutschland GmbH, is a collection of cork-based wall elements inspired by nature. Available in a large range of patterns, textures, colors and shapes, it can be combined with Wicanders cork floor coverings to create eye-catching interiors. Options range from matching 2 floor and



wall designs to single feature walls made of Deckwall modules. And because they are made of natural cork, the modules create comforting living and work environments that are quiet and warm. These vibrantly structured wall solutions by Wicanders comprise two cork layers and are easy-care and hypo-allergenic.

"SwissClic" panels by Swiss Krono deliver the ultimate in simplicity when it comes to realizing integrated interior concepts. The high-precision joining technology means the panels can be clicked together quickly and easily, without any special tools, to create continuous runs of wall or ceiling cladding with virtually invisible joints. The panels can be surfaced with a special primer foil, enabling them to be painted in almost any color. SwissClic panels are also available in authentic wood-look and unpolished concrete-look, yielding virtually endless interior design options.



They are hard-wearing and easy-care and are also available as sound-absorbing acoustic cladding, capable of cutting ambient noise by up to 50 percent.

Modern floor, wall and ceiling coverings that can be used to create coordinated interiors with that all-important feel-good factor will be on show at DOMOTEX 2020, which runs from 10 to 13 January at the Hannover Exhibition Center in Germany. Inspired by the "ATMYSPHERE" keynote theme, exhibitors will display innovative products perfect for creating harmonized interiors – Floor & More.



Deutsche Messe

DOMOTEX 2020: Exquisite hand-made carpets and rugs on show in Hall 3



DOMOTEX - the leading trade fair for carpets and floor coverings - will once again be a magnet for exhibitors and visitors from around the world intent on showcasing and exploring the latest innovations and trends. At the upcoming event, Hall 3 will be dedicated to handmade carpets and rugs, and will feature a new stand concept, a separate stage hosting a rich array of presentations, and a café where visitors can network and relax. All exhibitors of impressively hand-made items will now be grouped centrally in order to portray the entire market segment in a single location. This will create a special forum where fellow professionals can engage in professional dialogue. As a result, the Carpet Design Awards 2020 will also be presented and exhibited here for the first time.

Design, quality and craftsmanship

Now for the 15th time, the Carpet Design Awards at DOMOTEX will highlight the superior quality and outstanding design of the finest hand-made carpets and rugs. A jury of international experts, chaired by Graham Head, Vice Chairman of ABC Carpet & Home in New York City, will select the winners of these worldrenowned awards in eight categories. The selection criteria are exceptional design, top quality and skilled craftsmanship. The winners of the international competition will be ceremoniously announced at the dedicated Carpet Design Awards display in Hall 3, Stand H23 at 6 p.m. on Saturday, 11 January 2020. "There were a great many entries this year, and I was



impressed by quite a number of them," remarked jury member Stefan Amstad, Category Manager Carpets at furniture giant Möbel Pfister. "I was delighted to see a wide variety of designs, with Bauhaus and Art Deco being the main influences." Jury chairman Graham Head praised the "unique and innovative inspiring concepts" among the entries, "something in the fabric and texture of the carpet which has never been seen before." The prestigious awards reflect the industry's innovative strength and trends. Since the start of the competition, the categories have been constantly revised and updated in line with the latest industry trends. Highlights of all nominated carpets and rugs will be showcased in the special display in Hall 3 throughout the run of DOMOTEX.

> A list of nominees for the Carpet Design Awards can be found in the appendix.

Award for exemplary dealers

On Friday at 6 p.m. the Carpet Star Award will be presented to outstanding retailers who have demonstrated excellence in the carpet and rug business. This award winners from DOMOTEX 2019 were Lila Valadan (Lila Valadan, Hamburg) in the Exemplary Customer Event category, Reza Ashtari and Wendy Guns (Ashtari Carpets, Antwerp) in the Exemplary Website category, Möbel Pfister in the Exemplary Carpet Department category, Roz Rustigian (Rustigian Rugs, Rhode Island, USA) in the Exemplary Rug Specialist Shop category and Edi Kistler



for his lifetime achievements. The award ceremony will be held in the special display of Hall 3, Stand H23.

An imaginative journey into Persian culture

The eponymous label created by German/Persian designer Lila Valadan is a striking mix of traditional and contemporary. Each of her rugs is a remarkable unique piece inspired by exceptional nomadic craftsmanship. As the creative mind behind the company Naziri, Lila Valadan has been a major name in the carpet world for many years and has won numerous awards in design competitions. The design of her rugs, which are appreciated by enthusiasts and collectors worldwide, is noble and elegant, modern and yet timeless. Lila Valadan offers a new take on old designs without denying their roots. This results in beautiful hand-made pieces such as the collections in The Four Seasons exhibition. Thanks to their high quality and design standards, they create a feeling of well-being and will be showcased at DOMOTEX 2020 in the form of a captivating presentation.

Visitors are invited to pass through a labyrinth of rooms in order to experience the unique characteristics of the four collections "Minimalism", "Geometry", "Floral" and "Untitled". Each of the room installations is different from the previous and allows the observer to experience the fascinating interplay of light, textiles, sound elements and interior design, which draws on Persian culture.

Talks on today's hottest topics

From Friday through Sunday, the Carpet Design Awards Talks program in Hall 3, Stand H23 will give visitors the opportunity to attend presentations covering topics of current and future interest. There will be two presentations daily - one each morning and one each afternoon – with each talk being followed by a panel discussion. Participants in the discussions will include well-known and highly renowned experts in the field of hand-made carpets and rugs. The talks will kick off at 11 a.m. on Friday with the Cover Talks@DOMOTEX presentation by Lucy Upward, editor of COVER Magazine, on the topic of 'Rethinking the Rug: New methods for the rug industry'. Blogger Michael

Italian textile machinery manufacturers get ready for 2020



Christie from The Ruggist will then talk about a new method of carpet production using recycled nylon fibers. In addition, social responsibility label GoodWeave has invited a panel of experts to discuss how importers, producers, designers and other industry experts are creating transparent supply chains and tackling child and forced labor at all stages of production.

> The precise times and titles of the talks can be found in the appendix.

From 10 to 13 January, international exhibitors and visitors will meet in the redesigned special display area (which boasts its own stage and café) for inspiration, comparing notes on presentations and pursuing new business interests. Exhibitions and Associations December 2019

For the Italian textile machinery industry, 2020 opens with two very important trade fairs. From January 7 to 10 Frankfurt will host Heimtextil, the most important global trade show for home and contract textiles. In hall 3.0 Italian Trade Agency and ACIMIT, the Italian association of textile machinery manufacturers, will be present with a service centre designed to assist Italian manufacturers during the show, but also to provide information on the Italian supply to the numerous expected visitors.

Following that, from January 21 to 23, Colombiatex, the main fair for the Colombian textile sector, will be held in Medellin, where an exhibition area will be set up by Italian Trade Agency. The following ACIMIT member companies will be exhibiting in this area: Btsr, Color Service, Fadis, Ferraro, Flainox, Itema, Kairos, Laip, Loptex, Mactec, Mcs, Mesdan, Ratti, Scaglia, Zappa.

According to ACIMIT, in Latin America, Colombia represents a market of considerable interest for textile machinery, especially for the strong development of local fashion sector, well known throughout South America.

Alessandro Zucchi, president of ACIMIT comments: " 2020 will be a challenging

year for our member companies, given the high number of planned exhibitions. We start immediately with two important events. Heimtextil is known for new trends and textile innovations. The drive for digitalization has distinguished the offer of our manufacturers for some years now. For this reason, it is important for our Association to be present in Frankfurt".

"Colombia, states Alessandro Zucchi, is a country whose textile and clothing industry has grown in recent years. The fashion sector has established itself throughout the continent thanks to its dynamism and originality. The presence of Italian manufacturers through collective participation is evidence of the value that the event and the Colombian market have acquired over time for the Italian textile machinery industry".

ACIMIT represents an industrial sector that comprises roughly 300 manufacturers, employing around 12,000 people, which produce machinery to the value of EUR 2.5 billion, of which 83% is exported. "Creativity, sustainable technology, reliability and quality are the hallmarks that have made Italian textile machinery worldwide leaders," ACIMIT concludes.





Automation is key for Saurer at Domotex 2020

Domotex, the world's largest trade fair for floor coverings, will take place in Hanover from 10-13 January 2020 and Saurer Twisting Solutions is looking forward to welcoming customers and visitors at its Booth B35 in Hall 11.

Automation solutions made to measure for processing BCF yarns

At Domotex, Saurer Twisting Solutions will present customer-optimised solutions for process automation and product cost reduction. Automation of the material transport systems offers significant customer benefits. "This is because these systems are individually adapted to the needs of our clients and enable an optimum material flow throughout the entire twisting mill. Whether in the form of a lifter in combination with our rail transport system FlexFlow or the automated guided vehicle PackDrive, the modern automation solutions offered by Saurer are the next step into the future," the company reports.

Easier and faster with new machine generation

"The new generation of our carpet yarn machine, our CarpetCabler CarpetTwister 1.10, offers an optimum of possibilities for reliably and confidently mastering even the most unusual requirements of a lively market."

"Central adjustments of almost all production parameters, an intuitive user interface and the newly designed take-up area significantly reduce the machine's changeover times. Modern drive technology and innovative yarn sensor technology for monitoring the

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yarn quality generate significant added value for our customers."

Process control with Saurer Mill Management System Senses

This digital system bundles and analyses production, quality and performance data across all divisions. Even machines from third-party manufacturers can be managed. Plan deviations, quality fluctuations or irregularities are thus detected in real time, enabling mill managers to react quickly. They can also use the sum of the data to analyse processes comprehensively in order to find opportunities for optimisation.

The Saurer exhibition team is looking forward to welcoming customers and visitors at the Domotex 2020 and to informing them about the latest developments.

VDMA awards top textile engineering talent

At the end of November, the chairman of the Walter Reiners-Stiftung (Foundation) of the VDMA Textile Machinery Association, Peter D. Dornier presented awards to six successful young engineers in Dresden. The award ceremony took place as part of the Aachen-Dresden-Denkendorf International Textile Conference.

The focuses of the award-winning works of the young engineers reflect the strengths of German textile machinery construction: the sector is particularly strong where high-quality applications and products are concerned.

Janina Elser, TU Chemnitz, Abdelrahman Elbayoumi, ITA Aachen and Hendrik Pötzsch, ITM Dresden, were honoured with creativity awards for the cleverest bachelor or project work. The prizes are endowed with EUR 3000 each.

Ms. Elser's bachelor thesis dealt with the prototypical development of circular knitted knee bandages. The subject of Mr. Elbayoumi's bachelor thesis is a feedback control system for an over-braiding process. Mr. Pötzsch's project work deals with the production of carbon fibres using solvent wet spinning technology.

Tim Kaluza, ITM Dresden and Julia Eckert, ITA Aachen, were awarded two promotion prizes in the category diploma / master thesis with prize money of EUR 3500 each. Mr. Kaluza's diploma thesis deals with the automated production of mesh-free multiaxial fabrics.

In her master thesis, Ms. Eckert developed an environmental assessment system for the production of jeans.

This year, the promotion prize of the German Textile Machinery Industry in the dissertation category was awarded to Dr. Stefan Heinrich, TU Chemnitz. The prize is endowed with EUR 5000. The result is a fundamental work on gear requirements in textile machines, which will make a greater contribution in engineering practice.



Chairman of the foundation and the winners (from left to right): Heinrich, Kaluza, Elbayoumi, Elser, Pötzsch, Dornier, Eckert. (Source: ©ITM/TU Dresden).

Walter Reiners Foundation recruiting and promoting talent

Through its Walter Reiners-Stiftung (Foundation), the VDMA Textile Association is actively Machinery involved in promoting young engineers. Every year, the foundation awards prizes for the best dissertation, diploma or master's thesis and creativity prizes for clever bachelor's and semester theses. Through financial support for university excursions to VDMA member companies and to the leading trade fair ITMA, it provides students with regular insights into practice.

The Internet portal talentmaschine. de and the homepage of the Textile Machinery Association txm.vdma.org (under the heading Young Engineers) provide information on the occupational field of textile machinery, the activities of the foundation and excursion reports by students.

Heimtextil creates sustainability strategy for Trend Space

More sustainability for the Trend Space: Heimtextil, which takes place from 7-10 January 2020, together with its international Trend Council, has developed a material manifesto and thus chosen a new sustainable approach for the conception of the Trend Space.

Through intelligent material choice, the

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Heimtextil team and their Trend Council have created an immersive forum with a minimal footprint. This means finding alternatives to new materials wherever possible, thus avoiding excess waste when the exhibition closes. The Material Manifesto focuses on six key principles:

- Use of local resources, equipment and services
- Use of environmentally friendly material alternatives
- Use of existing stock components
- Use of rented and loaned materials
- Manage waste responsibly
- Design for recyclability

The intention behind the Material Manifesto is echoed in other installations within the Trend Space. One of five themes in this season's offering, Pure Spiritual, addresses a renewed bond with nature.

In addition, the Trend Space provides an overview of sustainable material innovations: A new material library, the so-called Future Materials Library, shows progressive, sustainably produced materials. Here, visitors can explore the nature and production method of innovative materials. The focus is on recycled fabrics and cultivated – living – textiles.

More than 250 companies will be presenting sustainably produced textiles at Heimtextil. The Green Directory, a separate exhibitor index focusing on the theme of sustainability that will be published by Heimtextil for the tenth time in 2020, lists these companies and their product innovations. The number of companies included in the directory has increased considerably and is higher than ever before.



Active Urban – Envisions – Wood in progress DDW18. © Ronald Smits

In addition, the Green Tours and the Green Village in hall 12.0 will provide answers for all questions relating to green issues. Seal providers and certifiers are among those introducing themselves here and offering companies their support in acting more sustainably. The United Nations will also present its Sustainable Development Goals here for the first time.

Increasing internationalisation at View Premium Selection

Sustainability will be one of the key topics at View. © View Premium Selection

View Premium Selection will open the Spring/Summer 2021 season with an international portfolio showcasing over 400 collections. From 3-4 December, leading fabric, trim and denim suppliers present their preview programmes and latest developments in Munich.

Most of the collections shown at this early stage are already well developed with a focus on new fashion trends which will ultimately be presented at Munich Fabric Start and Bluezone from 4-6 February 2020.

Once again, View confirms its strategic orientation as an early format for new developments, first colour and material trends and a high-quality product portfolio, organisers report.

"Given the industry's momentum, many manufacturers have become the new standard for bringing the market to 80% of the collection. Many of our customers use the textile shows in September to complete their collection. We will readjust in the remaining weeks until the main fair, complete individual articles and still work on some textures. But the actual collection concept is already part of the View," said Mathias Menger, Yünsa.

Key topic

Represented for the first time at the show are Argomenti Tessili, Euromark Industries, T.B.M and agency Fabian from Italy, Ipeker from Turkey and TOC TaeOh Corporation from Korea. Furthermore, Jayne Goulding Design from Britain and Barth & Könenkamp Seiden, Könen Additionals, as well as SchweigerTochetermann from Germany, will be present.

Exhibitions & Associations

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Textile Times December Edition 2019

Italian technological offer.



The View Trend Forum will once again show selected ReSOURCE developments. © View Premium Selection

Sustainability will also be one of the key topics at View, which will fundamentally change the industry. The willingness of companies to invest and get involved here is growing from season to season. "Since two years, Dutel has been developing a sustainable section in its collection called Pure by Dutel using polyester recycled warp and organic cotton weft yarns. We are planning to swap all our polyester warps into recycled ones," the manufacturer reports.

"We are sensitive to the use of recycled yarns. Many fabrics from the latest collection are eco-sustainable. The qualities in eco-cotton and viscose Ecovero are made with sustainable yarns. Our aim is to waste less and re-use the waste of production and consumers as new resources," Lanificio Roma says.

"Besides providing sustainable labelling solutions for our customers, we aim to optimise our internal processes as well. By digitalising our documentation, working on rapid prototyping and investing an increasing amount of time and effort in digital sampling we are reducing input of resources on various levels," shared Bornemann Etiketten.

View Trend Forum

The View Trend Forum will once again show selected ReSOURCE developments that offer innovative alternatives for



and content-coordinated format," commented Sebastian Klinder, Managing Director Munich Fabric Start.

The show will feature an international portfolio showcasing over 400 collections. © View Premium Selection

Already in the run-up to the event, visitors to View have the opportunity to find out all the important facts at the trade fair via the new Munich Fabric Start app. It allows quick and direct access to all exhibitor details and hall plans; a detailed filter function for creating a personal list of exhibitors; download of visitor tickets; and personal follow-up for after the fair.

Italian machinery manufacturers target Iranian market

As part of the promotional activities set for 2019, Italian Trade Agency and ACIMIT, the Association of Italian textile machinery manufacturers, will organise Punto Italia, a service centre at the next Irantex, the main Iranian textiles and textile machinery trade show, to be held in Tehran, from 9-12 December 2019.

Punto Italia will be used for meetings between Italian textile machinery builders and their Iranian customers. In the service centre, local companies will be able to get for information on the







The show will feature an international portfolio showcasing over 400 collections. © View Premium Selection

"Despite the difficulties that still exist for doing business in the Iranian market due to the well-known reasons, it is important to keep in touch with a market of significant importance for our manufacturers," explained Alessandro Zucchi, president of ACIMIT.

Market of significant importance

Embargo to Iran has in fact reset Italian exports to the country, which until a decade ago was among the main foreign market of Italian builders. In the first half of 2019 the value of the Italian direct export to Iran was equal to EUR 2 million, compared to EUR 15 million in the same period 2018.

"Unfortunately what is happening in Iran testifies how geopolitical tensions can influence heavily the business of a sector," concluded Mr Zucchi. "Only two years ago, following the signing of the Iranian nuclear deal, named JCPOA (the Joint Comprehensive Plan of Action), Italian exports came to a value of around EUR 45 million. Punto Italia at Irantex is the signal that our entrepreneurs believe in the ending of the embargo and in the resumption of normal commercial relations with the Iranian counterpart."

Developing bilateral relations

Earlier this month, at his meeting with Head of Tehran Chamber of Commerce Masoud Khansari, Italian Ambassador to Iran Giuseppe Perrone said that Italian companies are still keen to be active in the Iranian market.

Two sides are interested in developing bilateral relations, he said, adding that Italian firms are still keen to be active in the Iranian market and are present at most of the exhibitions held at the Tehran International Permanent Fairground.

An Italian trade delegation travelled to Iran recently to negotiate with some Iranian companies which demonstrate Italy's interest in maintaining and developing relations with Iran, he noted. The embassy tries to help Italian and Iranian companies gain a better and deeper understanding of the two countries' markets and find areas of cooperation, he mentioned.

ACIMIT represents an industrial sector that comprises roughly 300 manufacturers, which produce machinery for an overall worth of around EUR 2.5 billion, of which 84% are exported.

ISPO Munich 2020: Start of ISPO anniversary year



- Strong focus on sports industry's future since 1970
- ISPO Munich forecasts numerous anniversary highlights
- Motto: Be responsible. Be active. Be creative.

2020 is set to be a very special year for the sports industry as the global sports network ISPO will celebrate its 50th anniversary. ISPO Munich has been the highlight ever since 1970. The world's leading sports trade fair has been providing an overview of the innovative products to emerge from the sports world, generating fresh and important impetus and driving the development of the industry for five whole decades. The who's who of the sports industry will be in attendance in Munich from January 26 to 29 under the motto "Be responsible. Be active. Be creative." keen to discover the latest outdoor, winter sports and fitness trends and maintain existing contacts and network with new ones. In addition to the trade fair highlights, visitors will also be given an insight into further anniversary activities and events which are planned to take place throughout 2020.

ISPO Munich is the very first highlight in the sports calendar every single year. "For 50 years we have been creating valuable connections, bringing the world of sport together in one place for four days and passionately driving the development of sport", says Markus Hefter, Exhibition Director for ISPO Munich. "Our goal is to create enthusiasm for sport in each of us and at the same time to create awareness for a sustainable approach to nature." This approach is expressed in this year's motto "Be responsible. Be active. Be creative."

Be responsible – Act consciously

Sustainability, whether in relation to production processes or materials, has been a long-running issue for sporting goods manufacturers for many years and is gaining more and more importance due to the social discussion. Anyone keen to find out more about various aspects of

sustainable products, from their design and manufacture right through to their sale, should visit the Sustainability Hub. This will be located in Hall A2 where, for the first time ever, a concise overview of sustainably produced sports products will be provided in a separate, dedicated exhibition area.

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Be active – Experiencing the world of sport

Visitors can find out how passion for sports can be raised and how the global lack of physical activity can be actively countered within the topic "Health, exercise and sport". Numerous activities are planned, including both presentations and live demonstrations on stage. Yoga professionals, for example, will be demonstrating how people can inject energy into their everyday lives simply with some gentle exercise in the Body & Mind Village in Hall B3. As its name suggests, the Outdoor Snow & Safety Summit in Hall A3 will be all about responsible, careful approaches to outdoor activities whereby experts will be providing attendees with useful information regarding safety both on and off the slopes. Outside the realm of traditional sports, esports have developed into an important sector of the sports industry boasting a large global fan base and incredible growth figures. The East Entrance at ISPO Munich will be the perfect place to discover more about this new and popular sport and the opportunities it could hold for the sports industry and to even try out some of the games for yourself.

Be creative - Inspiring innovation

From the use of new technologies which make skis even faster and sportswear even lighter right through to the invention of new types of sports equipment, the industry's innovative prowess knows no bounds. Numerous innovative new products have been unveiled and launched in recent years at ISPO Munich. The ISPO Brandnew Village in Hall B4 will be highlighting the up-and-coming trends expected to take the start-up

scene by

storm this year. The standout innovative products created by established sporting goods manufacturers will be showcased as part of the ISPO Award in Hall B1. Innovation requires inspiration, and this will be provided by the ISPO Academy with its extensive conference program at the West Entrance. Presentations will be given on various subjects, including digitalization and the Chinese sports market. All highlights from the individual areas and segments can be found online.

Service & Tickets

With the ISPO Munich App, all information about the trade fair is already available in advance. It also enables industry participants to stay in touch before, during and after the trade fair. ISPO Munich tickets for the anniversary year of 2020 are available online.

About ISPO

ISPO is the world's leading sports network for business professionals and consumer experts. The platform was launched in 1970 and brings together an integrated range of industry-related analog and digital services under the ISPO family brand name. This includes the world's largest multisegment trade fairs ISPO Munich, ISPO Beijing and ISPO Shanghai as well as OutDoor by ISPO, the online news portal ISPO.com, 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 farreaching 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.



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A fresh breeze for the industry: sports start-ups convince with new, smart ideas



- Eight winners selected from 400 applications
- Brandnew Village filled with 50 selected members at ISPO Munich
- Live pitch for the "Overall "inner" during the trade show

The winners of ISPO Brandnew 2020, the leading startup competition of the sports industry, have been selected. An independent jury of experts evaluated the entries in eight categories, drew up an initial list of 50 selected brands and then picked out one winner in each category from this list. The victors won over the jury with their sustainable, customizable concepts and products that have a huge fun factor. For the awardwinning startups, ISPO Brandnew creates a powerful springboard into the modern sporting goods business with its customer-focused mission. All winners and selected brands will present their solutions at ISPO Munich (January 26-29, 2020) in the Brandnew Village in Hall B4.

As a way of addressing the changing demands of the sports business, eight new categories that are based closely on market needs were created for ISPO Brandnew 2020. "In times when consumers are increasingly searching for solutions that facilitate a sense of the body, attentiveness and sustainability in the best-possible way, we have recognized startups that will bring new energy into the sports business and satisfy customer needs," said David Badalec, the head of ISPO Brandnew. The eight winners cover the broad spectrum of the sporting goods industry, from outdoor and water sports, digital tools, apps and mobility to fitness, and team and winter sports. The jury consisted of an interdisciplinary group of industry insiders: Finalists from previous years, journalists and other industry experts offered their wide-ranging points of view.

Roadmap for ISPO Brandnew 2020

The "Overall Winner" 2020 has not been chosen yet. On Sunday, January 26, the eight winners will make their pitches for the top overall award starting at 4.30 p.m. at the ISPO Brandnew Village in hall B4 during ISPO Munich. Directly following

the award ceremony will take place, which then turns into the Networking Night, including all winners, selected brands, former award winners and industry experts.

General information about ISPO Brandnew and details about the exhibited products in the ISPO Brandnew Village at ISPO Munich 2020 can be found online.

Here is an overview of the ISPO Brandnew "Winners" who have already been determined:

KEEGO unites the best of two worlds: the moldability and the lightness of a plastic bottle with the hygiene and durability of a metal container. The multi-layer KEEGO bottle has inner surface made of titan that protects water from plastic particles, prevents the formation of mold and fights corrosion. The polymer exterior provides elasticity and grip. The dirt-repelling titan surface makes cleanup a breeze and increases the bottle's durability in the process.

Inspired by extreme outdoor clothing, the Berlin label mvdham is aimed at active city residents - and uses exclusively natural fibers. The products include the company's very own LAPALUE creation, a padded, two-layer fabric made of silk and wool. The jackets and coats should look good, be wide enough to accommodate a number of layers worn beneath them and provide protection from the wind and weather during bike rides. The aim is to meld function, design and sustainability. As part of the company's sustainability philosophy, mvdham strives to use as many local producers and suppliers as possible.

Press release | December 5, 2019 | 3/5 Winner Matchtime: SensuSport

World-class athletes are known not simply for exceptional technique and their specially trained bodies. They also have a feel for the right form of movement. This is exactly what SensuGlasses are designed to train. Feel, not sight, is really what golf is all about. The idea: As the player swings the club, the lenses of SensuGlasses turn black. The idea is for the golfer to concentrate

completely on the response of the club and learn to feel the ball and motion of the swing.

Winner Slopes&Parks: Switch Boards

Park skis, jibbing boards, training bindings or trampoline skis – with Switch Boards' equipment, winter freestylers and halfpipe cracks have an opportunity in the summer to work on their moves and tricks on kicker and big airs. The Polish startup focuses primarily on professional operations like parks and training halls as well as on end consumers. Designed to function on all trampolines, the boards and skis offer plenty of flexibility, minus the sharp edges of normal skis. The company also has special training bindings which users can wear with shoes or barefoot.

Winner Body&Mind: Enda

After producing a multitude of fast runners, Kenya has come up with its first running shoe, the Enda Lapatet. The training shoe is designed to take on the giants of the industry – and is beaming with self-confidence: Enda plans to present the lightest, most comfortable and most affordable shoe in its class. Designed in cooperation with Kenyan athletes, the Lapatet provides support to the natural mid-foot motion – the typical Kenyan running style. Enda Running also plans to be an economic-development factor. This is why the shoes are produced only in Kenya.

Press release | December 5, 2019 | 4/5 Winner Future Mobility: COWBOY

With its 2019 model, Cowboy sets out to take the next step towards creating a connected bicycle. The purpose of the logically designed e-bike for the city is not just to get the rider quickly and comfortably from one place to the next. What's more, all functions of the bike – from theft protection through to the activation of the integrated lights – can be controlled and monitored via an app. The smartphone keeps the rider up to date on the battery's state of charge, assists with navigation and alerts the rider about necessary maintenance work with the help of remote diagnosis.

FACE2FACE



Mr. Ansar Farooq Vice President Li & Fung Trading

Q-1. Your place of birth, marital status and Children.

I was born and raised in Karachi , I am married and have 3 kids .

Q-2. Where you completed your Early and Higher Education.

I did all my education in Karachi only , I hold masters degree in Management , I also have an honor of studying at MIT Sloan school of management and Stanford University for general management and leadership courses .

Q-3. How and why you entered Textile Industry.

My father had his own apparel business and he had manufacturing unit also so I was inspired by him and that played a key role for me to enter into the textiles world after completing my education .

Q-4. Since how many Years you are associated with the Textile Industry.

Almost 25 years now!

Q-5. The name of your Textile Company and Group of Companies.

I am associated with Li & Fung Pakistan Pvt. Ltd.

Q-6. When was your Textile Company established and problems faced to start up your Business.

Li & Fung was established in 1906 in China and right now its world largest buying office chain by far! I was not born when LF was established so I have no idea what problem they may have faced

Q-7. Number of workers working at your Company.

Over 28000 globally.

Q-8. Your Annual Turnover in tern of US\$, your exports markets.

US\$12 billion

Q-9. Which segments and field of Textiles are you dealing with.

I am mainly associated with Home Textiles .

Q- 10. Your biggest achievement, for which you are proud of.

I was the one who established home textiles division for Li & Fung in Pakistan in 1999 , before that they had only apparel business so in 3 years from Zero I managed to grow home textiles business to US\$35m .

Q- 11. Your views about the Child labor, what steps you have taken for the welfare of the labor force.

I think its criminal! on the other hand I believe in our industry it doesn't exist any more . All textile mills have graduated from that phase and now I don't think any one employee child labor in their factories .

Q- 12. Threats for your and Pakistani Textile Industry.

I think Pakistan textiles products are getting expensive in fine thread counts, we are very competitive when it comes to courser counts and products like towels, denim, flannel.

Govt. of Pakistan should take this threat seriously and try to give exporters incentives so that they remain competitive in other thread counts also . When I say incentives I mean low interest rates , low electricity / gas tariff , water supply , rebate etc. Unfortunately we are not competing with India and Bangladesh on the same level playing field , their govt. are supporting exports and giving them many incentives .

Q- 13. How you see the future of Pakistani Textile Industry and role of GSP Plus status.

We have GSP plus for almost 5 years now and it has played a great role in increasing exports of Pakistan, one of the reason we are competitive in Europe than USA is because of GSP plus. It's a great gift from EU to Pakistan.

Q-14. Why should Industrialist invest in the Textiles in Pakistan, which is weak textile section in Pakistan.

The current trade war between China and US has given Pakistan a great opportunity to expand capacities , China consider Pakistan as their backyard and if these

duties are imposed a lot of business will divert to Pakistan . In early Nov this year Li & Fung brought 25 Chinese companies and 5 Korean who wanted to explore JV opportunities with Pakistani companies . They know that manufacturing is getting expensive in their countries and Pakistan is the place where they can set up their production units . We have seen growth of Vietnam , Cambodia , Mynmar , in all these countries Chinese and Korean companies played a key role in creating manufacturing facilities .

Q- 15. Your opinion about government role and support for the Textile Industry of Pakistan.

I believe this Govt. is more committed than the previous one but still good is not good when better is expected so they need to do more to facilitate the exports . As I mentioned earlier our exporters are not competing with other countries on the same level playing field as their govts give exporters a lot of incentive where as exporters of our country are deprived from some basic things .

Q-16. Your favorite dress brand.

My personal favorite brands are Armani & BOSS .

Q-17 Your hobbies and what you do in leisure time.

I play golf , read management related articles and try to go to gym 5 days a

Q- 18 Your future plans for the textile industry and your advice to the other Textile Industrialists.

I have plans to do something big! I have crossed 45 and I believe if I have to do something significant then now is the time. I have got great experience under my belt and i am associated with Li & Fung for over 20 years so I want to use this experience to create some great business model for my country.

Last but not the least I would like to suggest Industrialists of this country to focus on the digitalization , innovation , speed and big data . We have entered a new era and its going to be the survival of the fittest . Investment in the technology is extremely important and those who are still living in 90's wont be able to compete in the digital world! So roll up your sleeves and be ready to take the bull by its horn .

ISPO broadcasts Rocket League Championship Series live



- ISPO steps up involvement in eSports
- Live broadcasts of championships on Twitch and ispo.com
- The aim: to attract new, young target groups

ISPO is becoming increasingly involved in the eSports segment. Since November, the world's leading sports network has been Germany's exclusive digital host of the Rocket League championships. Live broadcasts via its own channels are the logical next step in its involvement, which began when the final of the Rocket League AMD Masters was held live on stage at ES_COM (Electronic Sports Competition) by ISPO Digitize 2019.

2016, the Rocket League Championship Series has been the platform for the game's top teams from North America, Europe, Oceania and South America to battle it out on, and boasts a prize pool of a total of USD 1,000,000. This year, for the first time ever, ISPO is broadcasting the competition live with German commentary on ISPO Digitize's Twitch channel and on ISPO. com. More than 100,000 viewers tuned in for the regional championships on November 16 and 17 earlier this year. Attention is now turning to the Promotion Tournament (November 30 -December 1) and the absolute highlight of the series, the World Championship (December 13-15).

Attraction and integration of new target groups

For ISPO, the increased involvement in eSports is a fitting strategic step designed to attract young target groups and further tap into the potential that this sport has to offer. Dr. Jeanette Loos, Global ISPO Group Director: "We believe in the power of eSports to bring people together and to drive innovation. It is not just an international and digital sport but about as inclusive a sport as you can possibly get. That's why we are so keen to step up our involvement in this

area. We are thrilled to be the exclusive broadcaster for the RLCS 2019 in the German-speaking world."

ISPO receives support from the eSports consultancy Force of Disruption and Team FireWall, which already organized the AMD Masters by ISPO Digitize. In collaboration with gaming PC manufacturer Tentelian, Team FireWall takes care of the production side of all the streaming and simultaneously brings a large and extensive community from the German-speaking world along for the ride with it.

Background: Rocket League teams and talented individuals

With Jonas "vel" Schaffrick, Arne "Baithoven" Löffler and Pascal "Bass" Brand, who as is clear from their online "handles" are former and/or active Rocket League professionals, ISPO and Team FireWall are bringing together some of the most sought-after talented individuals and presenters that the game has to offer in the German-speaking world.

well-known eSports Numerous organizations are competing against each other in the current eighth season of the Rocket League Championship. The favorites include: Reciprocity, who are currently topping the leaderboard of the Regular Season in Europe, as well as Veloce, the only team with German players in it. From North America, NRG in particular, which has been the best team in the region for some time now, and Spacestation Gaming are looking good. Pittsburgh Knights are the insider's tip though.

Overview of the scheduled broadcasts

- Promotion Tournament NA -November 30, 9 p.m. - 2 a.m. (CET)
- Promotion Tournament EU December 1, 6 p.m. 11 p.m. (CET)
- The World Championship LAN Finals – December 13 to 15, time tbc

Outlook: eSports at ISPO Munich 2020

Rocket League will also be a firm fixture on the program of events at the upcoming ISPO Munich from January 26 to 29, 2020. As such, the well-equipped eSports Arena at the East Entrance will play host to the AMD Rocket League Masters 2020. Other highlights awaiting visitors on site will include the hosting of the SIMRacing Cups and the Finals of the UNILEAGUE eFOOTBALL (FIFA20). There will also be presentations and discussions as well as a Hackathon on eSports and the future of sports. All the action on stage will be broadcast on Twitch, Facebook, Twitter and YouTube. Various gaming events will also be held in the events area in Hall C6. The detailed program will soon be available online.

About ISPO Digitize

With the ISPO Digitize format, ISPO extends its digital strategy into the offline world and supports sports retailers and the sporting goods industry on their way to a digital, competitive future. The ISPO Digitize Summit is the digital conference for the sports industry that takes place annually at the ICM – International Congress Center München. In addition,







TM 2020

PRESS RELEASE

DECEMBER 2019

Due to the High Demand for ITM 2020, Efforts to Additional New Halls Continue



The ITM 2020 Exhibition, which has reached full occupancy rate in almost all of the halls, continues to attract great interest from the world textile technology manufacturers.

The ITM 2020, which will be held on 2020 from June 2 to 6, will be organized by Teknik Fairs Inc. and TÜYAP Tüm Fuarcılık Yapım Inc. in partnership and with cooperation of TEMSAD (Textile Machinery and Accessories Industrialists' Association) is awaiting with great enthusiasm by its exhibitors and visitors.

It is already clear that the ITM Exhibition, which set a record in terms of both the number of exhibitors and visitors in 2018, will continue its success in the next year. Due to the intense demand for ITM 2020, which continues to grow by increasing the number and space of the exhibitors, there is no more empty space in some halls.

Additional list prepared due to heavy demand

As the pre-reservation are approaching 100% occupancy, an additional list has been created for the purpose of evaluating new requests to ITM 2020.

In this list, there are many exhibitors who want to make a reservation. Due to lack of space in some halls, work was started to open new areas.

ITM 2020 prepares to keep the pulse of the textile industry

ITM is one of the world's most important exhibition in the region and is the best venue for the textile market to meet with investors since it acts as a bridge between the western and eastern countries and is held in Turkey, a textile hub.

ITM exhibitions, which have turned into a textile technology show with the participation and visits of hundreds of manufacturers that develops leading technologies for textile sector and global investors are also preparing to keep the pulse of the sector next year.

Intense interest in HIGHTEX 2020

HIGHTEX 2020, which will be held for the 8th time with simultaneously ITM 2020 Exhibition, attracts great interest from its participants. Applications for the HIGHTEX 2020, which has reached full occupancy rate in almost all the halls, continue.

At the exhibition, where meet technical textile technologies and nonwoven industry leaders; technical textile, nonwoven raw materials, intermediate products and final goods and production technologies will be introduced. HIGHTEX 2020 Exhibition, which attracted great attention, will be witness many collaborations for five days.





In the course of an announcement event held yesterday at the headquarters of the United Nations in New York, the Texpertise Network of Messe Frankfurt, the Conscious Fashion Campaign and the United Nations Office for Partnerships provided insights into their future cooperation.

Yesterday, over 100 guests from the press, business, politics and associations met at the headquarters of the United Nations to learn how the Texpertise Network of Messe Frankfurt, the Conscious Fashion Campaign and the United Nations Office for Partnerships (UNOP) plan to collaborate in furthering the implementation of their Sustainable Development Goals (SDGs) in the fashion and textile industry.

The Executive Director of UNOP Robert Skinner, opened the event and highlighted the importance of global engagement of the private sector and other stakeholders for achieving the Sustainable Development Goals. Mr. Skinner stated that the international fashion and textile industry have a potential to advance the Agenda 2030 for Sustainable Development. Together with Messe Frankfurt and Conscious Fashion Campaign, UNOP welcomes opportunity to reach a broad and professional audiences, raise awareness of the goals and galvanize support.

Mr. Skinner, who moderated the event, invited Ambassador Jürgen Schulz, Deputy Permanent Representative of Germany to the United Nations, to

deliver opening remarks.

Detlef Braun, Member of the Executive Board at Messe Frankfurt, explained: "Along with digitalisation, sustainability is a topic currently exerting a significant influence on the global textile industry. Messe Frankfurt has been accompanying this development with its worldwide textile events under the umbrella of the Texpertise Network for more than ten years. It is therefore a logical conclusion that the Sustainable Development Goals should be integrated in our worldwide textile events to generate acute awareness of the importance of sustainability in the textile industry."

Kerry Bannigan, Founder of the Conscious Fashion Campaign, stated that we need more examples of leadership for change like Messe Frankfurt to make the next decade the most impactful yet. Through our global event partners, the Conscious Fashion Campaign will integrate education, advocacy and ultimately engagement while also seeking to implement sustainable and circular event operations and logistics.

With its Texpertise Network Messe Frankfurt supports the Sustainable Development Goals within the framework of the cooperation with the Conscious Fashion Campaign and UNOP. The goals will be presented at the more than 50 textile events organised by Messe Frankfurt at venues around the globe. Planning currently includes interactive information stands, presentations, discussion forums, fair tours and the

integration of special activities in the trade fair programme.

Heimtextil, the world's biggest and most important trade fair for home and contract textiles that attracts around 3000 exhibitors and expects 65,000 trade visitors from 7-10 January 2020, will be the next stop on the tour to present the Sustainable Development Goals. During the opening press conference Lucie Brigham, Chief of Office for the United Nations Office for Partnerships will present on 7 January. Moreover, the goals will be presented and discussed at an interactive stand in the Green Village, and be integrated into the Green Directory for the first time. For the past 10 years, this index has listed sustainably producing companies at Heimtextil. In 2020, the Green Directory will comprise a record 262 entries. as well as in the form of panel discussions.

The next event directly after Heimtextil is Neonyt (14-16 January 2020), which takes place once again during Berlin Fashion Week. In the framework of its international conference format Fashionsustain, Neonyt will feature, amongst others, the panel "SDGs X Fashion - The UN's Fashion Industry Charter for Climate Action". Speakers will be Lucie Brigham, Zachary Angelini, Environmental Stewardship Manager at Timberland, Alexander Gege, Manager Sustainable Business Development at the Otto Group, and Harold Weghorst, Global Vice President Marketing at Lenzing AG.

Texpertise Network

With a unique portfolio currently embracing 58 international textile trade fairs, Messe Frankfurt is the global market leader in trade fairs for the textile industry. In 2018, some 22,000 exhibitors and 520,000 visitors took part in the events around the globe. The trade fair portfolio spans the entire textile industry value chain. As a central communication platform, the Texpertise Network information provides worldrenowned trade fair brand and the first-class services offered by Messe Frankfurt.





















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Welcome to Pakistan The Home of Home Textiles



Location 10.0 C29 P 17, Dagranwaan Road, Samundari Road Faisalabad, Pakistan



Abdur Rahman Corporation (PVT) Ltd.

Location 10.1 C77 P-214, Muslim Town #1, Sargodha Road 38000 Faisalabad Pakistan



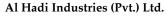
A.B. EXPORTS (Pvt) Ltd.

Location 10.3 C49 Lasani Pulli, Near Khayaban Gardens, Sargodha Road 38000 Faisalabad, Pakistan



Al-Falah Textiles

Location 10.0 C29 R-157/158, Gabol Town, Sector 16-B, North Karachi Industrial Area Karachi, Pakistan



Location 10.0 D23 W.H./10-1, Sector 16-B, North Karachi 75850 Karachi, Pakistan



Al-Hafeez Enterprises

Location 10.0 C29 DP-8, Sector 12-C, North Karachi Industrial Area, 75850 Karachi, Pakistan



Adamjee Enterprises

Location 10.3 D25 E-17/A, S.I.T.E 75700 Karachi, Pakista



Location 10.3 D31 International Street, Sanat Singh Road Faisalabad, Pakistan

Afroze Textile Industries (Pvt) Ltd.



A. Essak & Sons Home Textiles

Location 10.1 C58 24/1 Sector 6-A North Karachi Industrial Area 75850 Karachi, Pakista



Ali Textiles

Location 10.3 E29 Street No. 2 Raja Ghulam Rasool Nagar 38000 Faisalabad, Pakistan



Al-Karam Textile Mills (Pvt) Ltd.

Location 10.2 A51 HT-11, Landhi Industrial Area 75120 Karachi, Pakistan



Al Karam Towel Industries (Pvt) Ltd.

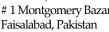
Location 10.1 B56

D7 S.I.T.E. Super Highway Scheme 33 75850 Karachi, Pakista



Al-Ouresh Fabrics

Location 10.0 D40 2nd Floor, Muhammad Plaza, Teeka St. # 1 Montgomery Bazar





Ahmad Manufacturing Corporation Pvt Ltd.

Location 10.2 C20 F-5 Main Estate Avenue S.I.T.E. 74900 Karachi, Pakista

LA-1/A, Block-22, F. B. Area

75950 Karachi, Sindh, Pakistan



AL REHMAN CLOTH EXPORT | PVT.| LTD.

Alrehman Cloth Export (Pvt) Ltd.

Location 10.3 E50 P-223/2, Teka Street No. 2, Montgomery Bazar 38000 Faisalabad, Pakistan



Ahmad Weaving

Location 10.2 C45

Location 10.0 D40 7-Channab Market, Madina Town Faisalabad, Pakistan



Ameer Enterprises

Location 10.3 F48 11km Jaranwala Road, Near Shifa International Hospital, Ghousia Stop 38000 Faisalabad, Pakistan



A.I. Textiles

Location 10.1 D51 A.I. Street, 11-Km, Jaranwala Road 38000 Faisalabad Pakistan



Amsons Textile Mills (Pvt) Ltd.

Location 10.1 B50 D-14/B, S.I.T.E. Manghopir Road 75700 Karachi, Pakista



Al Barka Fabrics (Pvt) Ltd.

Location 10.1 A21 1 K.M. Jaranwala Road 38000 Khurrianwalla, Faisalabad, Pakistan



Ansari Textile Industries

Location 10.1 D53 C1/112 Sector 6/B, North Karachi Ind. Area 75850 Karachi, Pakistan



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Anwartex Industries Pvt. Ltd. Location 10.0 A70

EP-11, Sector 12-C, North Karachi Industrial Area 75850 Karachi, Pakistan



Baboo Textile

Location 10.3 F23 12 KM Sheikhupura Road, Near Gatwala Forest Park, Opp. Jamia Ameeria Naeemia 38000 Faisalabad, Pakistan



Arabian Textile Mills

Location 10.0 C29 D-100-C, Mangopeer Road, Near ARY Digital, SITE Karachi, Pakistan



Bari Textile Mills (Pvt) Ltd.

Location 10.2 B21 29/A Block-2, P.E.C.H.S., Shahrah-e-Quaideen 75100 Karachi, Pakistan



A.R. Hosiery Works

Location 10.3 E48 305 'B' Block Adamjee Nagar 75350 Karachi Pakist



Barkah Textile & Printing Mills (Pvt.) Ltd.

Location 10.0 C78 D-14 Manghopir Road, S.I.T.E. 75700 Karach Pakistan



Arshad Corporation (Pvt) Ltd.

Location 10.1 B40 1088 Jail Road 38000 Faisalabad Pakistan



Best Exports (Pvt) Ltd.

Location 10.0 A61C Main Road, Chak # 208, R.B. 38600 Faisalabad Pakistan



Arzoo Textile Mills Limited

Location 10.3 F29 2.6 km, Jaranwala Road 37600 Khurrianwala, Faisalabad Pakistan

Arzoo Textile Mills Limited



Bharara Textiles

Location 10.0 B61B 111-A, Peoples Colony No. 1, Main Iaranwala Road 38000 Faisalabad, Pakistan

Asad Impex

Location 10.1 E28

Karachi, Pakistan

74900 Karachi, Pakistan



Location 10.3 A55 15/5, Sector 12-C, North Karachi Industrial Area 75620 Karachi, Pakistan



Ashar International (Pvt) Ltd.

Location 10.1 C10 1 A Small Industrial Estate, Sargodha Road 38000 Faisalabad, Pakistan

Bismillah Textiles Limited

Location 10.2 C31 1-Km Jaranwala Road 38000 Khurrianwala, Faisalabad Pakistan



Asia Textiles

Location 10.0 D23 Plot No. 4 Hometex Export Zone, Near Ansari Chowk, Multanl, Pakistan

Plot # 10/1, Sector-17, Korangi Industrial Area



Continental Textiles (PVT) Ltd.

Location 10.1 E34 Plot 21, Sector 23 Korangi Industrial Area 74900 Karachi, Pakistan



Aspen Textile (Pvt.) Ltd.

Location 10.0 B61A C-170, Ali Chowk, Dhudi Wala, Jaranwala Road, 38000 Faisalabad, Pakistan



Crescent Textile Mills Ltd.

Location 10.2 B20 Sargodha Road 38000 Faisalabad Pakistan



Ayoob Textile Mills Ltd.

Location 10.3 E37 A-16, S.I.T.E. Area Karachi 75700 Karachi, Pakistan



Aziz Sons

Location 10.3 A80 D-21/A, S.I.T.E., Mangopir Road 75700 Karachi, Pakistan



Dalal Industries (Pvt) Ltd.

Location 10.1 A17 B-25/A, S.I.T.E. 75700 Karachi Pakistan



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Dawood Exports (Pvt) Ltd.

Location 10.1 A11 Sargodha Road 38000 Faisalabad Pakistan



Location 10.0 D40 9 km, Main Sargoda Road, Nalka Kohala Stop Faisalabad, Pakistan



Decent Textiles

Location 10.1 C24 P-1271 / A, Abdullahpur, West Canal Road 38000 Faisalabad, Pakistan



ESS ARR Metal Industries

Esquire Garments

Location 10.0 B58B 47/1 Sector 12-D, North Karachi Industrial Area 758500 Karachi, Pakistan



Location 10.0 C29

11-A, Small Industrial Estate, Sargodha Road Faisalabad, Pakistan



Euro Linen (Pvt.) Limited

Location 10.3 C52 Shah Rukne Alam Colony 8-K 60000 Multan, Pakistan



Eurotextiles GmbH & Co. KG

Location 9.0 A61 Mammolshainer Weg 14 61462 Königstein im Taunus, Germany



Fazal Sardar Textile Mills

Location 10.0 A51A

O.T. 7/1 Fatima House Khoja Lane Kharadar 74000 Karachi, Pakistan



FOGRUM (Division of Nazeer Dyeing & Bleaching)

Location 10.1 B79

ST-13/6/1 Block 2 F.B. Industrial Area Azizabad 75950 Karachi, Pakistan



Golden Warp Pty Ltd.

Location 9.0 A51 Unit 1-2, 280 New Line Road



GUL AHMED TEXTILE MILLS LTD.

Location 10.2 A41

2158 Dural, Australi

HT/3A Landhi Industrial Area, Landhi 75120 Karachi, Sind (Province) Pakistan



Habib Sugar Mills Ltd.

Location 10.1 D59

3rd/4th Floor, Imperial Court, Dr. Ziauddin Ahmed Road, 75530 Karachi, Pakistan



H.A.R. Textile Mills (Pvt) Limited

Location 10.0 B60A

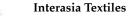
1st Floor, Hasan Arcade, Montgomery Bazar 38000 Faisalabad, Pakistan



Indus Home Ltd.

Location 10.1 A16

174, Abu Bakar Block, New Garden Town 54600 Lahore, Pakistan



Location 10.1 E54

Plot No.L-19/C, Block No. 22 Federal B Industrial Area

75950 Karachi, Pakistan



International Linens Pakistan

Location 10.0 C29 12-km, Satiana Road 38000 Faisalabad, Pakistan



Ismah Enterprise

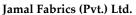
Location 10.0 D35

Suite No. 35, 3rd Floor, Textile Plaza M.A. Jinnah Road, 74000 Karachi, Pakistan

IAFCO Industries

Location 10.3 D31

Plot No. 5, Sector 27, Korangi Industrial Area, Karachi, Pakistan



Location 10.0 D23

Office No. 1, 3rd Floor, Al-Latif Centre, Main Boulevard, Gulberg-III Lahore, Pakistan

Jeea Ahsen Textiles (Pvt.) Ltd.

Location 10.0 C29

7 J B Road, Off Sargodha Road Faisalabad, Pakistan

J.K. Group of Companies

👺 J.K. Group of Companies

Location 10.0 A618 3-1/A, Peoples Colony # 1

38000 Faisalabad, Pakistan

Kamal Ltd.



Location 10.2 A71 4th Kilometer Jaranwala Road

38000 Khurrianwala-Faisalabad, Pakistan



Kamal Textile Mills

Location 10.1 D83 3,5 KM Jaranwala Road

38000 Khurranwala, Faisalabad, Pakistan



Kam International

Location 10.2 A85 495 Deh Landhi 75160 Karachi, Pakistan



Kamran Textiles (Pvt.) Ltd.

Location 10.1 A21

5 KM Jarranwala Rd. Khurriawala 38000 Faisalabad, Pakistan



Kausar Processing Industries (Pvt) Ltd.

Location 10.1 C22

1 Km, Jaranwala Road, Khurrianwala 38000 Faisalabad, Pakistan





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Location 10.0 B 66 P-237, Hasan Arcade, Tikka Gali #1, Montgomery Bazar 38000 Faisalabad, Pakistan



Majeed Fabrics (Pvt) Ltd

Location 10.3 D53 Samana Bridge, Sargodha Road 38000 Faisalabad, Pakistan



Location 10.0 C29 D/103 - A SITE Karachi, Pakistan



Kohinoor Textile Mills Ltd.

Location 10.2 B 61 Peshawar Road 46000 Rawalpindi, Pakistan



Maple Textile Mills

Location 10.0 C29 B-32, Pakistan Cable Street, SITE Karachi, Pakistan



LAL Industries

Location 10.3 B 48 5-Home Tex Export Zone 60000 Multan, Pakistan



Masoomen Textile Mills

Location 10.0 C29 Suite No. 820, 8th Floor, Landmark Plaza, I.I. Chundrigarh Road Karachi, Pakistan



Latif International (PVT) Ltd.

Location 10.1 C 56 16 km Shaikhupura Road 38000 Faisalabad, Pakistan



Mega Cotton Textiles

Location 10.3 E43

Home Textile Export Zone, Budla Road, Near Ansari Chowk, Ansar Colony 60000 Multan, Pakistan



Liberty Mills Ltd.

Lintaz Industries

Location 10.2 C34

Location 10.1 C 56 A/51-A, S.I.T.E. 75700 Karachi, Pakistan



Mehtabi Towel Mills (Pvt.) Ltd.

Location 10.0 C29 C-I/409, Sector 16-B, North Karachi Karachi, Pakistan



G-33 Block 6, P.E.C.H.S. 75400 Karachi, Pakistan



Mestex

Location 10.0 B27 Karim Bibi Stret Bawa Chak Sargodha Road 38000 Faisalabad, Pakistan



Lucky Impex

Location 10.3 C43 157, Banglore Town, Tipu Sultan Road 75350 Karachi, Pakistan



Mian Ghous Bux (Pvt) Ltd.

Location 10.1 E31 Plot No. 1094, Chak No. 208 R.B. East Canal Road 38000 Faisalabad, Pakistan



Lucky Tex Pakistan (Pvt.) Ltd. Location 10.1 A07

Manghopir Road, Textile Avenue, A-40/A, B-C, S.I.T.E, Industrial Area 75700 Karachi, Pakistan



M.K. International

Location 10.3 D59 Plot No. WH-3, Sector 16-B, North Karachi Industrial Area

75850 Karachi, Pakistan



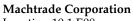
Lucky Textile Mills

Location 10.1 A07 L 8, Block 21, Federal B Area 75950 Karachi, Pakistan

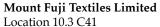


M.K. Sons (Pvt) Ltd.

Location 10.2 C70 2-KM Jarranwala Road Khurrianwala 38000 Faisalabad, Pakistan



Location 10.1 E08 Plot #CID-2, Sector 16, Korangi Industrial Area 75180 Karachi, Pakistan



D-148, S.I.T.E. (opp. ARY Studios) 75700 Karachi, Pakistan



Magna Processing Ind. Pvt. Ltd.

Location 10.0 A59 2.6 - K.M. Khurrianwala, Jaranwala Road 38000 Faisalabad, Pakistan

Mubeen Maqbool Industries

Location 10.0 B60C 3-KM, Jaranwala Road, Khurianwala 38000 Faisalabad, Pakistan





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Multan Industries

Location 10.3 D 31 Plot No. 17-B Hometex Export Zone, Ansari Colony 60000 Multan, Pakistan



NWS EXPORT

Location 10.0 D10 Jaranwala Road, Makoana Chowk 1.5 Km Satiana by pass, Faisalabad 38000 Punjab, Pakistan



Mundia Exports

Location 10.0 C 20 A-14, S.I.T.E Manghopir Road 75700 Karachi, Pakistan



Orient Coating and Finishing Mills Pvt. Ltd.

Location 10.1 B57 Orient Plaza, 2-Model Town 'C' 13 Km, Sadhar, Jhang Road 38030 Faisalabad, Pakistan



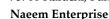
Mustaqim Dyeing and Printing Ind. (PVT) Ltd.

Location 10.2 B13 D-14/A Bada Board S.I.T.E. 75700 Karachi, Pakistan



Orient Textile Mills (Pvt.) Ltd.

Location 10.2 A31 Plot No. 501, Landhi, Main National Highway 75120 Karachi, Pakistan



Location 10.3 F50 A-25 / B Metroville Road S.I.T.E. 75700 Karachi

Pakistan



Pak Deutsch Int'l Co.

Location 10.3 E57 St-20, Shah Baig, Gobol Town, Sector 16-B, North Karachi 75850 Karachi, Pakistan



Location 10.3 C54 Chack No. 209 R.B. Road, 12-Km Jaranwa-38000 Faisalabad, Pakistan

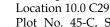


Pak Textile Industries

Location 10.3 E46 D-6, SITE, Super Highway 75850 Karachi, Pakistan

New Zeenat Textile Mills

Location 10.1 E57 24, Block 3, Overseas Cooperative Housing Society, Stadium Road 74000 Karachi, Pakistan



Patel Exports

Plot No. 45-C, Sector 31-D, P&T CHS, Korangi Karachi, Pakistan



Niagara Mills (Pvt) Ltd.

Location 10.1 B48 Kashmir Road, Nishatabad 38000 Faisalabad, Pakistan



Pearl Fabrics Company

Location 10.1 D77 Plot No. 15, Sector 16, Korangi Industrial Area 74900 Karachi, Pakistan



Nimra Textile (Pvt) Ltd.

Location 10.1 B20 12 K.M., Sheikhupura Road 38000 Faisalabad, Pakistan



Perfect Hometex

Location 10.0 C29 11-New Aqsa Town, Millat Road Faisalabad, Pakistan



Nimsay International (Pvt.) Ltd.

Location 10.1 E10 Farooq Town near Alnoor Petrolium Jaranwala Road 38000 Faisalabad, Pakistan



Location 10.1 F40

Polani Textiles

Plot # B-24 / A, S.I.T.E. 75700 Karachi, Pakistan



Nishat Chunian Limited

Location 10.2 B71 31-Q Gulberg II 54660 Lahore, Pakistan



Progressive Weavers (Pvt.) Ltd.

Location 10.3 D31 Malikpur Road, Opposite Amin Town Faisalabad, Pakistan



Noor Fatima Fabrics (Pvt) Ltd.

Location 10.1 C84 Ramzan Abad Jhumra Road 38000 Faisalabad, Pakistan

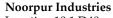


Rainbow Hosiery Pvt. Ltd.

Location 10.3 F56 326 16-b North Karachi Industrial Area 75850 Karachi, Pakistan

Rainbow Industries

Location 10.0 A26 810/A Khanewal Road 60650 Multan, Pakistan



Location 10.1 D40 Plot No. 78, Sector 24, Korangi Industrial Area 74900 Karachi, Pakistan





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Rizwan Enterprises

Location 10.3 D 35 F. 50 Site Area 75400 Karachi, Pakistan



ROOMI TEX

Location 10.2 B71 28 Faisal Market, Muljee Street 74000 Karachi, Pakistan

Rustam Towel (PVT) Ltd.

Location 10.1 C52 22. Km Ferozepure Road, Rui Nala 54700 Lahore, Pakistan

Rustam Weaving Factory

Location 10.3 B35 22. Km Ferozpur Road, Rui Nala, Kahna Nau 54400 Lahore, Pakistan

Saad Textile Mills (Pvt) Ltd.

Location 10.1 B50 1 KM Defence Road, off Bhuptian Chowk 54660 Lahore, Pakistan



Sadaqat Limited

Location 10.2 A61 Sahianwala Road, Khurrianwala 37630 Faisalabad, Pakistan

Saif Tex

Location 10.0 C29 21.5 km, Main Ferozpur Road, Opp. Green Cap Society, Shehzad Park Lahore, Pakistan

Saleem Textile

Location 10.0 C32 St-17-19, Shah Baig Gabool Town, F. B. Area 75650 Karachi, Pakista

Samira Fabrics Pvt Ltd.

Location 10.0 B60D 27th KM, Sheikhupura Road 38000 Faisalabad, Pakistan

Sapphire Textile Mills Limited

Sapphire

Location 10.2 B21 7A-K Main Boulevard Gulberg II 54660 Lahore, Pakistan

Saya Weaving Mills (Pvt) Ltd.

Location 10.2 B75 204 Saya Centre, MR6/53/1, Muhammad Feroz Street, Jodia Bazar 74000 Karachi, Pakistan

Shaddan Enterprises

Location 10.3 D53 D-150/A, S.I.T.E. 75700 Karachi, Pakistan

Shafi Texcel Limited

Location 10.0 D23 4.5 km, Raiwind Manga Road Raiwind, Distt. Kasur Lahore, Pakistan

Shahzad Enterprises

Location 10.3 D31 Factory No. C1-129, Sector 6B, North Karachi Karachi, Pakistan

Shalimar Cotton Export (Pvt) Ltd.

Location 10.0 B27 Shalimar Road, Samana pul Sargodha Road 38000 Faisalabad, Pakistan

Shercotex

Location 10.0 C29 39/C, Peoples Colony Faisalabad, Pakistan

Silver Textile Factory

Location 10.1 C83 D-28 Sec. 12/A, North Karachi Ind. Area 75850 Karachi (SIND), Pakistan



Sitara Textile Industries Ltd.

Location 10.1 A93 6 KM, Sargodha Road 38000 Faisalabad, Pakistan

Sky Industries

Location 10.1 E76 26-A, 2nd Floor, Yarn Market, Montgomery Bazar Faisalabad, Pakistan

Sohail Weaving Industries

Location 10.3 E56 CC 253-254 Gabol Town North Karachi Industrial Area 75850 Karachi, Pakistan

M/S South Asian Textile Industries

Location 10.1 A87 Plot No. CI-45, Sector 6-B, North Karachi Industrial Area 75850 Karachi, Pakistan

Star Fabrics

Location 10.0 C29 119 JB Chak Samana Dhanola Road, Sargodha Road Faisalabad, Pakistan

Subhan Fabrics

Location 10.0 C29 120 JB Sargodha Road 38000 Faisalabad, Pakistan

Sufi Weaving Industries (Pvt) Ltd.

Location 10.1 E18 P 8003, Kashmir Road, Amin Town 38000 Faisalabad, Pakistan



Sylvana Pakistan (A Division of Feroz Feeds Ltd.)

Plot # 30 - 31, Sector 16, Korangi Industrial Area 74900 Karachim Pakistan Telephone+92 300 8295532 Website: www.sylvanapk.com



Ellahi Fabrics

Hall 10.0 Booth C29 04-A/III, Industrial Estate 60000Multan Pakistan Telephone+92 300 8639158 Fax+92 616 537206 Websitewww.ellahifabrics.com



Falcon Textiles

Hall 10.1 Booth E77 804, Al-Rahim Tower, I.I Chundigar Road 74000 Karachi Pakistan Telephone+92 21 32442534 Fax+92 21 32442537

Website: www.falcontextiles.com.pk



Hall 10.0 Booth D40 Plot No. L-108/117, Sector 16-B, North Karachi Industrial Area, 75850Karachi

Pakistan

Telephone+92 36952972 Fax+92 2136952916 www.estexinternational.com

Combined Industries

Hall 10.3 Booth F41

A-15, Binoria Chowk, S.I.T.E 75840 Karachi Pakistan Telephone+92 3008266162

Fax+92 32567887 www.combinedind.com

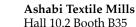
Bismillah Towel Industries

Hall 10.3 Booth F50 128, Street-1, Sector 4/F, Khyber Colony Orangi Town 74800Karachi Pakistan Telephone+92 21 36660134 Fax+92 21 36691715 www.bismillahtowel.com.pk



Bismillah Textiles Ltd

Hall 10.3 Booth A79. 1-km Jaranwala Road, Khurrianwala 38000Faisalabad Pakistan Telephone+92 41 2428888 Fax+92 41 2428800 www.bismillah.com.pk



Hall 10.2 Booth B35 South Avenue, S.I.T.E, Karachi D. 24 75500Karachi Pakistan Telephone+92 21 32581318 Fax+92 21 32562359 www.ashabitextile.com



Ashraf Textile

Ashraf Textile Industries

Plot # 151, Street 13/1, Sector 6-B, North Karachi Industrial Area 75850 Karachi Telephone+92 21 36963803 www.ashraftextileinds.com



Asad Enterprises

Hall 10.3 Booth F05 Plot No. 3/7, Sector 21, Korangi Industrial Area, 74900 Karachi, Pakistan Telephone+92 300 2015695 www.asadent.com

A.L.U. International

Hall 10.0 Booth D23

S.I.T.E, near Zia More, F-626 75840Karachi Pakistan

Telephone+92 3222555757 www.aluintl.com

Alpine Contex

Hall 10.0 Booth D23 406, Rock Trade Centre, Bagh E Zehra Street, Kharadar 75500Karachi Pakistan Telephone+92 300 8241232 www.alpinecontex.com

AKSA Tex Style Industries

Hall 10.3 Booth D31 Ahmed Pura, Sameejabad #160000Multan Pakistan Telephone+92 300 7312026 www.aksatex.com

Akkar International

Hall 10.0 Booth C29 F-462, S.I.T.E. 74000 Karachi Pakistan Telephone+92 213 2593554-5 www.akkarinternational.com



national

Kamal Hosiery Mills (Towel Division)

Hall 10.2 Booth D90

3rd Km, Jhumra Khurrianwala Road, Khurrianwala District 38000Faisalabad, Pakistan Telephone+92 301 8666798 www.kamal.com.pk

Ahmad Manufacturing Corporation (Pvt) Limited

Hall 10.1 Booth A93 F-5, Main Estate Avenue, S.I.T.E. 74900KarachiPakistan Telephone+92 300 8222054 www.amc.com.pk



Adamjee Textile Mills (Pvt) Ltd.

Hall 10.3 Booth A41 E-17/A, S.I.T.E 75700Karachi, Pakistan Telephone+92 21 32568536 www.adamjee.com.pk

Kamal Hosiery Mills (Towel Division)

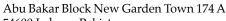
Hall 10.2 Booth D90 3rd Km, Jhumra Khurrianwala Road, Khurrianwala District 38000 Faisalabad, Pakistan Telephone+92 301 8666798 www.kamal.com.pk

Sapphire Textile Mills Ltd

Hall 10.2 Booth C34 7A-K Main Boulevard Gulberg II 54660 Lahore Pakistan Telephone+92 42 111000091 4726 www.sapphire.com.pk

Indus Home Limited

Hall 10.3 Booth B41

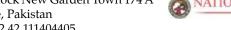


54600 Lahore, Pakistan Telephone+92 42 111404405 www.indus-home.com

Subhantex (Pvt.) Limited

38000Faisalabad Pakistan

Telephone+92 300 8650243





Ashar International (Pvt.) Ltd.

Hall 10.1 Booth C10

Ashar Tower, 7.5 Km Khurianwala Jararanwala Road Near Phalai Stop 038000Fasialabad Pakistan Telephone+92 41 4703412 www.ashartex.com



The National Silk & Rayon Mills Ltd.

Hall 10.0 Booth C29

NATIONAL SILK Jaranwala Road, 38000Faisalabad

Pakistan

Telephone+92 41 8530235-6 www.nationalsilk.com

M.K.Sons (PVT) LTD.

Hall 10.2 Booth C70

2-KM Jarranwala Road Khurrianwala 38000Faisalabad Pakistan Telephone+92 41 2428551

www.mksons.com

Multimat Int.

Hall 10.0 Booth D23

Plot 1-D-8, St. 9/1, Sector 16-B, North Karachi Industrial Area 75850Karachi

Pakistan

Telephone+92 21 36963456 www.multimatint.com

Mestex Linens (Pvt) Ltd.

Hall 10.0 Booth C76

987 Shalimar Road Samana Off Sargodha Road, 38000 Faisalabad, Pakistan

Telephone+92 41 8869518 Fax+92 41 8869518

www.mestex.com.pk

Master Textile Mills Ltd.

Hall 10.3 Booth F61 3-Km off Manga Raiwind Road 54000 Lahore Pakistan Telephone+92 300 8465681

www.mastertex.com

Meher Industries

Hall 10.3 Booth D31

B-28 3rd Floor, Textile Plaza, M.A. Jinnah Road74000 Karachi Pakistan Telephone+92 21 32434085

www.meherindustries.com

Mahroz Textile Industries

Hall 10.0 Booth C29

Shan Arcade 3rd Floor, Office No. 5, New Garden Town, 54300Lahore, Pakistan Telephone+92 423 5865204

www.mahroztextileindustries.com

International Textile Limited

Hall 10.3 Booth B45

INTERNATIONAL TEXTILE LIMITED 205 Park Towers, Shahrae Firdousi, Clifton 75600Karachi Pakistan Telephone+92 21 35832929 www.internationaltextile.com

Hussain Textiles

Hall 10.3 Booth F29

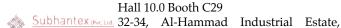
Plot No. F/54-D-2 Site, Industrial Area Karachi 75700 Karachi Pakistan

Telephone+92 21 32570061

www.hussaintextiles.com

Haroon Corporation

Hall 10.0 Booth A22 P-417, Nisar Colony 38000 Faisalabad Pakistan Telephone+92 3215858888 www.harooncorporation.com



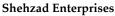
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MAJEED FABRICS (Pvt) Ltd

www.subhantex.com **Progressive Textiles (Private) Limited**

Small Industrial Estate, Sargodha Road

Hall 10.3 Booth D31 24 Malikpur Road, Amin Town 38000Faisalabad Pakistan Telephone+92 41 5388000 www.progressivetextiles.com



Hall 10.0 Booth C29

DP 5, Sector 6B, North Karachi Industrial Area, 75850Karachi, Pakistan Telephone+92 21 36962555

www.shehzadtextile.com



Hall 10.0 Booth C29

Samana Bridge, Sargodha Road 38000Faisalabad, Pakistan Telephone+92 300 8662868

www.majeedfabrics.com

Shahab Textiles/Canada Textiles Inc.

Hall 10.0 Booth C29

Plot 19/3 Sector 6-A, North Karachi Industrial Area 75850 Karachi Pakistan Telephone+92 21 36933282 Fax+92 21 36982242

www.shahabtextiles.com

Samira Fabrics (Pvt) Limited Hall 10.0 Booth B60D

Samira House, 55-P, Gulberg 2 54000Lahore, Pakistan

Telephone+92 42 35718204

Fax+92 42 35718206

www.samirafab.com

Ranval Textiles

Hall 10.0 Booth B60B

7/12 Aisha Noor Mohammad Building, Jodja Bazar 74400Karachi Pakistan Telephone+92 21 32414707 www.ranyal.com

Nishat Mills Ltd.

Hall 10.1 Booth B11

5km Nishat Avenue off 22km Ferozepur Road, 54600 Lahore, Pakistan Telephone+92 42 35260061

NISHAT www.nishatmillsltd.com

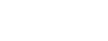
















\AHROZ



Home Styles Pvt. Ltd.

Hall 10.3 Booth F41 P-59, 1st Floor, Chenab Market, Main Susan Road, Madina Town 38000Faisalabad Pakistan Telephone+92 321 761 000 www.homestyles.com.pk



Habib Calico Weaving Ind. (Pvt) Ltd.

Hall 10.1 Booth C24 Street No. 8, Abdullahpur 38000Faisalabad Pakistan Telephone+92 41 8710034 www.habibcalico.com



Ghazali Textile Industries

Hall 10.0 Booth B74B Plot No. 7, Sector 6-B, North Karachi Industrial Area 75850Karachi Pakistan Telephone+92 21 36962304 www.ghazalitex.com



Hall 10.0 Booth D40 H. No. 1651/116 Street No. 05, Millat Colony No. 2 38000Faisalabad Pakistan Telephone+92 41 8554959 www.haadyiatextile.com



Fashion Knit Industries

Hall 10.1 Booth A51 Plot # C-30 S.I.T.E. Avenue 75700Karachi Pakistan Telephone+92 21 111111354 www.fkind.com

Zulfiqar Weaving and Towel

Hall 10.3 Booth D31 P-400, 401 Sector 16-B, Industrial Area North Karachi 75850Karachi Pakistan Telephone+92 3012966964 www.zulfiqarweavingvom



TEXTILE CHANNEL

Hall 10.3 Booth F21 D-240, S.I.T.E 75700Karachi Pakistan Telephone+92 321 9236263 www.textilechannel.com

M. Yahya M. Yousuf Bari

Hall 10.2 Booth C26 D-107, Textile Avenue S.I.T.E. 75700Karachi Pakistan Telephone+92 111 696922 www.barimills.com.pk



Zara Textiles (Pvt) Ltd.

Hall 10.0 Booth D23 1,5 km, Jaranwala Road, Khurrianwala 38000Faisalabad Pakistan Telephone+92 41 2428631 www.zaratextiles.com

Tex Art Enterprises

Hall 10.0 Booth C29 E-36, 1st Floor, Estate S.I.T.E. 75840 Karachi Pakistan Telephone+92 3008240133 www.tex-art.com.pk



Hall 10.1 Booth D25 3 km Sheikhupura Road Khurrianwala ZIS 38000Faisalabad Pakistan Telephone+92 41 2401091 Fax+92 41 2401093 www.zistextiles.com



Unibro Industries Limited

ZIS Textile Pvt. Ltd.

Hall 10.1 Booth A61 Unibro House, 114, 9th East Street, Phase 1, Defence Housing Authority D.H.A. 75500Karachi Pakistan Telephone+92 21 35884978 www.unibrogroup.com



Sufi Weaving Industries (Pvt) Ltd.

Hall 10.1 Booth E18 P 8003, Kashmir Road, Amin Town 38000Faisalabad Pakistan Telephone+92 3008654399 www.sufiweaving.com



Maheen Textile Mills (Pvt.) Ltd.

Hall 10.1 Booth D61 28 KM, Sheikhupura Road Khurrianwala 38000Faisalabad Pakistan Telephone+92 41 2401081 www.maheentex.com



Maguari Textile

Hall 10.3 Booth E33 Plot # Ci-45, Sector 6/B, North Karachi Industrial Area, 75700Karachi Pakistan Telephone+92 21 36962433 www.maguaritextile.com



Linen Home Ltd.

Hall 10.3 Booth D31 40 G, Raja Road, Gulistan Colony 38000 FaisalabadPakistan Telephone+92 41 8782858 www.linenhome.com.pk



LAL Industries

Hall 10.3 Booth B49 15-km Khanewal Road, By Pass Qadir pur Rawan 60000 Multan Pakistan Telephone+92 61 6741134 www.lalindustries.com



Liberty Mills Limited

Hall 10.2 Booth B30 A/51-A, S.I.T.E. 75700Karachi Pakistan Telephone+92 21 32578100 www.libertymillslimited.com

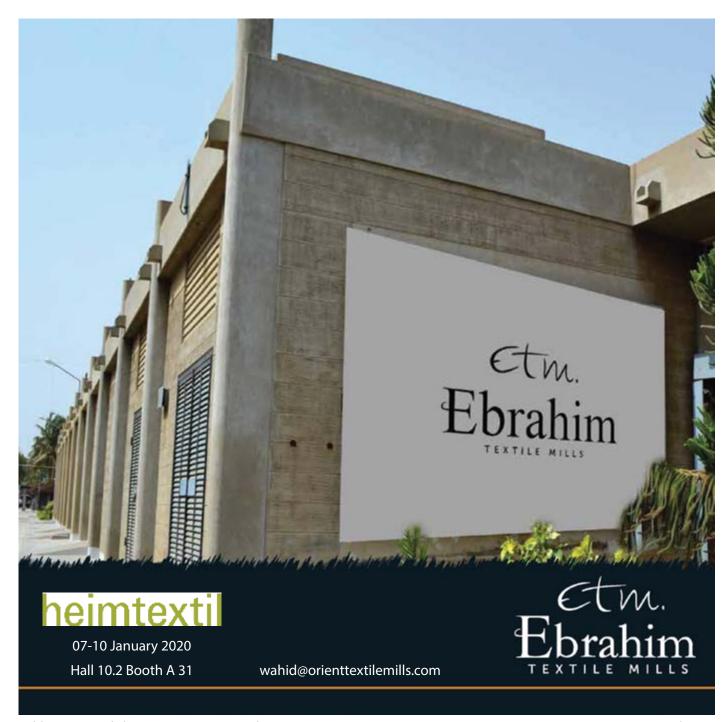


Hall 10.3 Booth D21 Punj Puli, Small Estate Road, near Total Petrol Pump, Daewoo Road 38000Faisalabad, Pakistan Telephone+92 41 8787702 www.khizrafabrics.com



Khurshid Textiles

Hall 10.1 Booth E58 KHURSHID 73 Babar Block, New Garden Town 54700Lahore Pakistan Telephone+92 3008404022 www.khurshidtextiles.com



With headquarters in the heart of industrial zone of Karachi Orient Textile Mills Pvt. Ltd provides superior quality textiles to a wide range of customers around the globe in addition to catering the local market. Orient Textiles being fresh to the export market brings an innovative approach to the world of textiles, with providing all solutions within a single system and acting as a liaison between the end user and cotton grower. Our aim is to exceed the expectations of every client by offering outstanding customer service, increased flexibility, and greater value, thus optimizing system functionality and improving operation efficiency. Our associates are distinguished by their functional and technical expertise combined with their hands-on experience, thereby ensuring that our clients receive the most effective and professional service.

The History of Orient textiles began in the year 2000 when we started our operations. Moving gradually and making the basis strong, the company finally decided to enter in to the international arena. Orient Textiles is involved in every stage from cotton selection to final packed goods. With a stable financial position the company is ready to cater the needs of the textile world. With a strong support from our manufacturing base and state of the art weaving setup in the total supply chain; Orient Textiles is capable of producing Jacquards in T-180s to T-600. We are producing dobby's upto 1400 thread count. We have a capability of doing both prints and solids Unlike others Orient Textiles possesses operational experience in all areas of fabric production and packaging through competent individuals and strong manufacturing base due to which the company is growing at a very rapid pace. In order to meet the individual needs of our clients we possess excellence in different qualities which include sateens, percales, dobby's, jacquards and yarn dyeds in both prints and solids.

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wahid@orienttextilemills.com

07-10 January 2020 Hall 10.2 Booth A 31







Yunus Textile Mills Ltd

Yunus Textile Mills Limited (YTM) is a vertically integrated textile mill located in Karachi, Pakistan.

The company, with annual production capacity of 100 Million meters, is the largest exporter of Home Textile products from Pakistan. In addition to manufacturing, YTM also provides its customers design and distribution services with offices based in USA, France, Spain, United Kingdom and Canada.

During an interview with Mr. Palla, he told to Mr. Khan of Textile Times, that Yunus has the capacity of state of the art of 80.000 Spinning Spindles of which 2100 brand new rotors have been installed by Schlafhort Auto cone AC 9.

The Counts produced are Ne 8/s to Ne 30/s for their own Weaving. The weaving has the capacity of 400 looms of which 128 new picanol air jet looms have been installed in 2017. The working width of weaving ranges from 280 cm to 340 cm.



At present YTM supplies directly to majority of leading retailers of USA and Europe and is producing products for various private and retail brands. With an annual turnover of US\$ 250 millions Yunus enjoys a leading market position in textiles of Pakistan.

The main clients of Yunus are from France, Sweden, United Kingdom, USA, Germany and Spain. The leading retail stores like Wallmart, Target, JC Penny, Bed and Bath, Kohls, Shopco and Lidl always trust the products of Yunus Textiles.

Mr. Palla explained that, "they don't look for new clients or markets as their clients have goodwill and trust in their quality and products, they alawys have long term businesss relationship with their clients".







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









The Group has its origins in the early 1900s when it started the trade of grains and oil in the subcontinent. Entrepreneurial skills and acumen have always been the driving force behind the success of the Group. Based in Karachi, the Alkaram Group has unfolded its vision of growth and established its multifaceted concerns countrywide and abroad. Following opportunities in the newly created state of Pakistan, the Group flourished in the fields of textiles, F & B, salt mining, hospitality, trading and distribution.

A melting pot of skilled employees and advanced technology, Alkaram has been brushed upon the wall of success using a simple formula; short lines of communication were kept, along with consistently quick yet well thought-out decisions by managers that have been part of the Alkaram mix since the start. In using this simple philosophy, we have ensured that the identity

of Alkaram has not been lost along the way and that the ladder of success we have been climbing has been leaning against the right wall. Soon the Group became the largest business family of the country by creating the most modern textile units that went on to become household names of the country.

The Alkaram group was founded in March 1986 with a vision to be a provider of innovative textile solutions worldwide. We are a manufacturer and supplier of distinguished fabric for apparel, home and industrial markets with clients all over the world. Our ability to create forward-thinking solutions that give our clients a competitive advantage is what sets up apart. Our core services include:

- Fiber manufacturing
- Spinning
- Weaving
- Knitting
- Dyeing and printing of woven and knitted fabrics Designing
- **Cutting and Stitching**

With a constructed area of over one million square feet, Alkaram has the capacity to fulfill small, medium and large scale orders. We are one of the few vertically integrated operations in Pakistan. Offering a diversified range of products, our customers can mix and match from a wide

At Al Karam we also provide our customers with complete in-house design solutions. Our creative center is equipped with state of the art







Mr. Fawad Anwar (Chairman Alkaram Textile)





visit us at heimtextil 2020 07-10 January 2020 Hall 10.2 Booth A51

THE NATION'S PALETTE



Colors have a language of their own; they resonate with people in ways unseen. Being at the textile industry's forefront, Alkaram embraces the nation's color vo cabulary as its own. Using this simple philosophy, the identity of Alkaram has become synonymous to quality and commitment that is par excellence.

Our customers are the partners we go in hand with, to establish alliances and deliver beyond expectations.

Come celebrate long lasting alliances or discover new friends at Alkaram, Pakistan's premier bed linen producer.

Be pleasantly surprised with our new developments and offerings.

We look forward to welcoming you warmly.

Alkaram Textile Mills (Pvt) Ltd. H.T/11, Landhi Industrial Area Karachi, Pakistan UAN: +92 21-111-111-258 Email: alkaram@alkaram.com Telephone: +92 21-35018638-44 Fax: +92 21 - 35018631-2





Gul Ahmed Textile Mills Ltd.

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

With an installed capacity of more than 130,000 spindles, 300 state-of-the-art weaving machines and most modern yarn dyeing, processing & stitching units, Gul Ahmed is a composite unit – making everything from cotton yarn to finished products. Gul Ahmed has its own captive power plant comprising of gas engines, gas & steam turbines, and backup diesel engines. Believing in playing its role in protecting the environment, Gul Ahmed has also set up a waste water treatment plant to treat 100% of its effluent, bringing it to NEQS levels. Gul Ahmed is playing a vital role not only as a textile giant, but has its strong presence in the retail business as well. The opening of its flagship store – Ideas by Gul Ahmed—marked the group's entry into the retail business. Starting from Karachi, Gul Ahmed now has an extensive chain of more than 40 retail stores across the country, offering a diverse range of products from home accessories to fashion clothing. More than 50 years since its inception, the name Gul Ahmed is still globally synonymous ith quality, innovation & reliability.



Bashir Ali Mohammad Chairman Gul Ahmed Textile Mills Ltd.

- Subsidiary CompaniesGul Ahmed International Limited.
- GTM Europe Limited UK–
- GTM USA Corp. -USA
- Sky Home Corp.- USA Association / Trade body
- All Pakistan Textile Mills Association
- Karachi Chamber of Commerce & Industry
- The Karachi Cotton Association
- Pakistan Business Council
- Employers' Federation of Pakistan
- Pakistan Textile Exporters Association
- All Pakistan Textile Processing Mills Association
- Pakistan Bedwear Exporters Association
- Pakistan Hosiery Manufacturers & Exporters Association
- Karachi Centre for Dispute Resolution
- International Textile Manufacturers Federation
- Fellowship Fund for Pakistan



Business Activities

Excellence in quality and service is the hallmark of all operations performed at Gul Ahmed. Firmly standing by its business values, Gul Ahmed is active in manufacture and sale of textile products.

The manufacturing wing is an essential component in Gul Ahmed's operations. The manufacturing cycle, which includes spinning, weaving, processing, designing and stitching, results in an end product that is tailored to the most stringent customer requirements.

On the retail front, Ideas by Gul Ahmed offers fabrics and made-ups, ranging from home accessories to clothing. It not only provides fashion at great value, but also caters to various customer needs by offering a diverse product mix. This leads to a complete and enjoyable retail experience. As a result of this, the chain has expanded to 40 stores across Pakistan since its inception in 2003.

Permissible Business

The principal business activity of the Company is manufacture and sale of textile products. Details of other permissible business activities of the Company are as contained in the objects clause of the Memorandum of Association of the Company.







Address: HT/4 Landhi Industrial Area, Karachi - 75120, Sindh, Pakistan

Address: HT/4, Landhi Industrial Area, Karachi - 75120, Sindh, Pakistan. T+92-21 111-485-485 +92-21 111-486-486 F+92-21 508-2625 E-mail: marketing⊜gulahmed.com





Afroze Textile Mills Ltd.

History

Afroze Textile Industries Private Limited is a well renowned group in home textile sector and unfolded its memorable history while in 1973 a man named Mahboob Alam Lari started trade of home textile products by manufacturing & launching export quality Terry Towels into international market and quickly earned trust from across the countries. The acknowledgement and appreciation of his entrepreneurial expertise encouraged him to step up into the home textile arena. From here on, there was no looking back.

Owing to dynamic manufacturing quality oriented product capabilities and determined conviction across all management and workforce to achieve and exceed the targets and challenges.

Introduction

Established in 1973, Afroze Textiles Industries (Pvt) Ltd has four decades of manufacturing and market experience. The company Was founded by late Mr. Mahboob Alam Lari. Since our inception Afroze Textile has been focused on quality customer satisfaction innovation and specialization through technological advancement.

Afroze Textile is managed by qualified and motivated professionals under the dynamic leadership of company directors Mr. Feroze Alam Iari and Mr. Afroze Alam Lari. With annual export capacity of USD 200 million Afroze textile has earned a top position among the country's leading towel and bed linen exporters recognized and appreciated by our international clients.

FACTORY DETAILS

Afroze Textile Industries (Pvt) Ltd comprises of two fully owned vertical setups.

The towel and bedding factories cover an area of 650,000 square feet and 800,000 square feet respectively. The combined work force totals approximately 3,000 people.

Both the units have top of the line processing and stitching machines, fully equipped laboratories, design and embroidery studios and currently the largest product portfolio in the home textile industry.



















Address: Plot # C-8, Scheme-33 S.I.T.E, Super Highway, Karachi

Pakistan

Phone: (021) 36881746 Email: afroze@afroze.com Web: www.afrozetextile.com

heimtextil

Hall 10.2 Stand C21

07-11 January 2020



















heimtextil Hall 10.2

























Fatima Weaving Mills (Pvt) Ltd.

201, 131/1 2nd Floor, Speedy Tower, Defence Phase-I Karachi-75560, Pakistan. Tele: +92 21 35392273, Fax: +92 21 35392274

Email: info@fatimaweavingmills.com www.fatimaweavingmills.com













AL RAHIM Manufacturer and Exporter of Home Textile Products

heimtextil

07-10 January 2020 Hall 10.2 Booth C35

G-33, Block 6, P.E.C.H.S, Shahra-e-Faisal, Karachi Pakistan. P.O Box No: 75100, Tel: (+92) -21-111-110-120, Fax: (+92) -21-34533283 info@alrahimtextile.com, www.alrahimtextile.com

















Nazeer Dyeing Mills

FOGRUM, empowered by Nazeer Dyeing & Bleaching, transforms yarn into finished products with our hallmark finish of premium quality and rich textures crafted with precision. Incorporating latest techniques and superior engineering processes we at FOGRUM, strive as a team to assure quality and deliver value for money.

Latest Technology Equipment, Team Work, Operational Processes, Commitment, On-time delivery, rational Pricing and quality assurance, are words we hear when friends and customers of FOGRUM talks about us.

Since 1989, the name behind the success of Pakistan's terry exporters has been none other than "NAZEER DYEING & BLEACHING". A partnership concern engaged in extensive and diversified processing of terry, terry towel hosiery, yarn and fabric.

Since its inception it is primarily working for export oriented industries, endeavoring to meet the ever increasing intercontinental requirements of USA, CANADA, SWEDEN, FRANCE, GERMANY, ITALY, NEW ZEALAND, RUSSIA and JAPAN. With a current paid up capital of around PRK 162 Million. The element of accelerated growth in Commercial production of 1080 tons per annum in 1989 has risen up to 24000 tons per annum in 2012 is a candid example of our Commitment, Quality and Creativity.



Ms. Faryal Shafig - Director

We believe that we owe our achievement of gaining an internationally trusted position, through our Team's Commitment with our work, Passion for Quality and acquisition of latest technology.

We provide top class towel, solid dyed with value added finishing and continuously striving to maintain the required standards and on-time deliveries.

We hold the proud title-holder of ISO-9001:2008, ISO14001:2004, GOTS Certification, SA-8000 & OEKO Tex Certification.

Nazeer Dyeing being the parent company with unmatched infrastructure has a

front face by name of FOGRUM.

FOGRUM believes quality machinery infrastructure is crucial for getting quality output. Smart reinvestment in modernizing equipment gives us a chance to fulfill our habit of trend setting in local and International market. Following are some of our main Smart decisions:



Terry Towel Sizing

- 1 Sizing Machine Kucuker Makina State of art technology from Turkey
- 1 Warping Machine Kucuker Makina State of art technology from Turkey Total Monthly in house capacity of 1200000 lbs towels weaving

Terry Towel Weaving

- 40 Dyna Terry Vamatex Leonardo looms for towels, Max. width 360 cms 24 looms dobby & 08 looms of 300 cm.
- Stuabli 04 jacquards of 6144 hooks
- 4 jacquard of 2688 hooks
- 8 colors of weft can be woven
- 16,000 Lbs of terry towels in 24 hour for jacquards only
 Total Monthly in house capacity of 800,000 lbs towels weaving











AN ISO 9001, ISO 14001, GOTS AND OEKO TEX CERTIFIED COMPANY



07-10 January 2020 Hall 10.1 Booth B79

Nazeer Dyeing & Bleaching





















Towellers Limited

The Towellers Advantage

Established in 1973, on the back of humble beginnings with 6 terry looms, Towellers Limited grew under the hard work and dynamic leadership of it's founder Mr. Shaikh Muhammad Obaid, a first generation entrepreneur, to become a global leader in the world of textiles.

The company today has infiltrated its brand and presence in the manufacturing of bath, bedroom, kitchen, and institutional and knit apparel. Towellers is a fully integrated textile manufacturer that recognizes the importance of design and product development, embracing technology and innovating products for the indulgent and the practical.

VISION

The company's Management strives to achieve the top slot in any business field that they enter and having achieved that, their endeavour is to retain that status without overstepping the bounds of fair play and the norms of business ethics.

MISSION

Through self dicsipline be an example to their fellow beings that great heights are achievable in all fields without trampling the rights of others and also ensuring that those associated with the venture, be it the shareholders, the workers from the top to

the bottom are satisfied with the returns that accrue to them. A seemingly difficult, if not an impossible task But it is the chosen path on which the company is headed and thus far it Has successfully followed it. Providing maximum employment opportunities and contributing their mite to the Country's economy

TOWELS

Overview

From its inception in 1973, towels have been the company's strength and we have continued to thrive in this field. Towellers is a prime terry manufacturer for the retail and hospitality sector with a vertically integrated unit and 100% shuttle less weaving. With design and durability being at the forefront of textiles, the creative team at Towellers develop 2 collections a year with unique products like Thirsty Cotton, Modal, Zero Twist and Organically treated combed cotton towels. From dobby borders, to cams, fast selvedge tucked in towels to hemmed; we offer custom woven jacquard, embroidered, printed, yarn dyed and plain towels to meet all our customers' demands. Dubbed as the white towel experts, Towellers is one of the leading terry exporters in Pakistan, servicing the institutional sector with all the major hospitals and hotels in North America. More recently the company has tapped into the retail sector and has infiltrated hypermarkets in Europe, the US and South America. Towellers caters to every towel need, whether you are looking for a beautiful line of luxurious towels or lighter weight lower end products.



MOSS 12/1 Zero Twist 635 GSM



FIRENZE ZERO TWIST WITH WAFFLE REVERSE 550 GSM



LUCCA 20/2 Combed 590 GSM



HONEY COMB 20/2 Ring Spun 530 GSM



ANACAPRI with end hem whipstitch 20/2 Ring Spun 700GSM



LEGACY 20/2 Ring Spun 750 GSM



Feroze 1888 Mills

Spinning







Spinning is considered as one of the basic and vital process in the world of textile; as the entire expedition of the fabric manufacturing begins right from this point.

From the very beginning of its journey, Feroze1888 has put special focus in this area. Initiating the setup in 1985, the unit today is equipped with the latest machinery imported from Germany, Switzerland, England and Japan for various sections including Blow Room, Carding, Drawing, Combers, Ring and Auto Cone. Feroze1888 ensure a continuous supply of quality yarn to meet customers' expectations on delivery and quality. At every step, the quality monitors are responsible to check the consistency of yarn quality based on set criterion. Our Quality control team backed by state of the art spinning laboratory contribute to check and improve product quality from raw cotton to finish yarn by using latest testing instruments and techniques.





Weaving

Feroze1888's operation began with the inaugural of weaving setup in 1970. Our technological edge combined with experienced and skilled craftsmanship has enabled us to become world class manufacturer and exporter. The plant is also equipped with the latest Air jet machines to add value to customers' requirements Moreover, state of the art computerized processes and quality control machines have enabled us to weave the quality fabric and lead the way with innovation.

























ARC | Abdur Rahman Corporation (PVT) Ltd.

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INDUS HOME CLIMITED

Indus Home Limited

Indus Group has been active in the textile industry for over 60 years. Originally founded as a company specialized in the precleaning and ginning of cotton, it has developed into one of the largest and well established textile groups in the country.

Group's Turnover is above US\$ 300 million worth of textile materials out of which approx. US\$ 75 million comprise terry towels and remaining is cotton yarn.

experience gained by The the company over many years, is reflected in a deep understanding of the cotton business along with strong technical, financial and personnel resources. We produce its own electrical power to remain independent and self-sufficient. Spinning Mills:

The spinning operation comprises 6 spinning mills having 225,000 spindles. A wide variety of yarns are produced in these mills. Spinning mills annually produce approx. 42,000 tons of yarn.

Ginning Mills (Raw Cotton):

The harvested cotton is precleaned in four factories located in four different cities in the best cotton areas of the Punjab Region. Through selective purchasing from the farmers, careful drying and thorough blending, about 19,000 metric tons of cotton are processed every year.

INDUS HOME LIMITED (IHL) was a Joint Venture between Indus Dyeing And Manufacturing Company Limited and WEST POINT HOME LIMITED (WPH) (a US based Company). It is an export-oriented vertically





integrated towel manufacturing and finishing facility in Raiwind near Lahore. Commercial production started in the year 2006. Effective from Nov 2013, Indus Home Limited is 100% owned by Indus Dyeing and Manufacturing Company Limited.

IDML was incorporated in 1957 as a public Limited Company and is listed on the Karachi Stock Exchange. IDML is one of the most established manufacturing facilities in Pakistan's textile sector. Over the years the company has won a number of awards such as:
The Federation of Pakistan Chambers of Commerce & Industry(FPCCI) Award in 1988-1989.
The FPCCI Best Export Trophy in 1994-1995.

S'habi TEXTILE MILLS

Ashabi Textile Mills

Our state-of-the-art computerized technology is directed at modernizing production and quality control processes. Our advanced systems improve product quality and increase production efficiency. Lead by a team of experienced directors and backed by young and dynamic individuals, we believe in promoting the business with progressive results.

Furthermore As'habi Textile continuously strives to develop market leading merchandise by focusing on excellent product quality, working with cutting edge plant and machinery and developing value added products for retailers with a "passionate attitude for excellence"

As'habi textile is one of the best in wet process in Pakistan. Our processing department is equipped with world class processing units and monitored by qualified staff. We are extremely skillful in printing, dyeing and finishing fabric, with a total processing capacity of 6 Million meters.

Textile pretreatment is the series of cleaning operations, which play an important role in preparing fabric before printing. This process includes de-sizing, scouring and bleaching which makes the following processes of dyeing and softening easy. As a result, our textiles attain high standards and quality assurance for our customers.

Our printing department is staffed with professionals who ensure quality and standard by using a diverse range of pigments, reactive and burn out print techniques. 16 colors printing up to 126 inches wide is what gives us the edge over our competitors.

At As'habi Textile Mills we endeavor to create new colors. From the milky translucence of a misty morning to the pale hues of a clear blue sky, we are equipped with a continuous open width dyeing, thermosol and pressure jigger ranges that are capable of pigment and reactive dyeing on international standards. For shade variation, we use a Spectrophotometer. Our color batch preparation is also supported by both DATA color as well as Greg Macbeth color systems.

Here at As'habi Textile we are capable of supplying textiles with specialized finishes, be it a soft hand feel, guaranteed shrinkage or performance finishes

like Easy Care, Aloe Vera, Non Iron, Stain release, Water Repellant and Fire Retardant. With expert staff and high-class machinery, our finishing facilities are designed to cater the customer's needs.

The stitching division is equipped with sophisticated high tech machines that can stitch fabrics and transform them into home textile. Our stitching facility including Juki Brother and Kansai, have a combined capacity capable of producing 3 million articles of home textile products annually. Customer orders are thoroughly scrutinized to ensure compliance with customer specifications before they reach their destination.







AS WE FLAUNT OUR SUBLIME RANGE OF PRODUCT & SUPREME QUALITY

As'habi Textile, Private Limited Company, has transformed into a powerful competitor in the field of Home Textile since 1993, with an annual production capacity of 60 million meters. This family owned business aims to bring together a fusion of experiences of both the old and new generations. Our state-of-the-art computerized technology is directed at modernizing production and quality control processes. Our advanced systems improve product quality and increase production efficiency. Lead by a team of experienced directors and backed by young and dynamic individuals, we believe in promoting the business with progressive results.

Establishing a successful business relation with renowned retailers has been a part of our business strategy at As'habi Textile. We maintain a rewarding association with leading retailers in USA and Europe.

Furthermore As'habi Textile continuously strives to develop market leading merchandise by focusing on excellent product quality, working with cutting edge plant, machinery and developing value added products for retailers with a "passionate attitude for excellence"



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Email: kumail@ashabitex.com Web: www.ashabitextile.com









FACE2FACE

An Interview with Mr. Khurram Mukhtar Chief Executive of Sadaqat Limited

Q-1. Your place of birth, marital status and Children.

Faisalabad, Married, 4 kids

Q-2. Where you completed your Early and Higher Education.

Faisalabad

Q-3. How and why you entered Textile Industry.

Textile is our forefather's business.

Q-4. Since how many Years you are associated with the Textile Industry.

30 years

Q-5. The name of your Textile Company and Group of Companies.

Textile company: Sadaqat Limited Group of companies: Sadaqat group.

Q-6. When was your Textile Company established.

Established in 1951

Q-7. Number of workers working at your Company.

More than 13000 employees and workers

Q-8. Your Annual Turnover in tern of US\$, your exports markets.

- a) US\$250 million annual group turnover
- b) Allover globe EUROPE, SOUTH & NORTH AMERICA, AUSTRALIA, MIDDLE EAST

Q-9. Which segments and field of Textiles are you dealing with.

Home Textiles & Apparel (Denim, Non-denim, knitwear)

Q-10. The % age of exports and % age of local sales.

100% Exports

Q-11. Your biggest achievement, for which you are proud of.

We are one of leading textile company of pakistan

Q-12. Your views about the Child labor, what steps you have taken for the welfare of the labor force.

Child labor is completely prohibited within organization. Food basket, day care center, death grant, dowry fund, Health Insurance, EOBI, Free Transportation facility, provident fund & loan facility are some of the steps taken for the welfare of the labor force.

Q- 13. What makes your Company different from others.

Vertical integration, Innovation, one stop solution for all customer needs, diversified supply sources, strong design team in Pakistan, UK & USA. Please note the following credentials of Sadaqat Limited in compliances pertaining Ethical, Technical, Environmental, H&S, Security and Sustainability:

- SA8000:2014
- SMETA 4-Pillar
- EMS ISO 14001:2015 on latest version
- QMS ISO 9001:2015 on latest version
- BEPI Business Environmental Performance Initiative
- Detox Report is also uploaded on IPE
- C-TPAT
- Fairtrade
- GRS

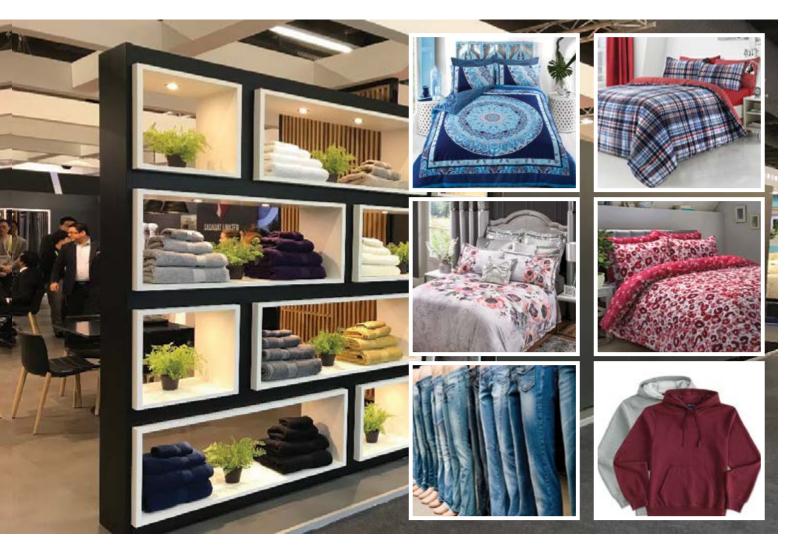
- WRAP
- BRC
- OHSAS ISO 18001:2015 on latest version
- WWF Green Office Diploma
- Higg Index verified
- Inhouse ETP
- SCAN
- GOTS
- ocs



Mr. Khurram Mukhtar Chief Executive Sadaqat Limited













Sadaqat Limited.

Khurrianwala, 2 KM Sahianwala Rd, Faisalabad, Punjab 37630, Pakistan. Tele: +92 41 111 010 111, Fax: +92 41 4362194 Email; sadaqat.limited@sadaqatgroup.net, rana.amer@sadaqatgroup.net www.sadaqatgroup.net





Kamal Limited

Continuing to serve our customers in the evolving textile industry, we ourselves change to better serve all of our customers across the globe. What does not change is our commitment to services, quality and business ethics, resulting in satisfied customers, achievement oriented team and sustainable growth.

Our satisfied customers, suppliers and employees are all our strategic partners and they contribute to the success of our organization. With more than 60 years in this business the forth generation today is experienced and equipped to serve the industry in a professional and modern way.

Kamal Limited has proven time and time again to be the best in the business with expertise second to none. Our credibility is the trust our customers have in us, I would like to make sure that we will put in our maximum efforts and will leave no stone unturned to achieve our goals and objectives which leads to our company's vision.

I wish to create a legacy in the field of Textiles for generations to come. With my best wishes for everyone.



Ahmad Kamal CEO





Kamal Limited is fully equipped for Innovation, Product development, Manufacturing and Quality Assurance. Spread over Spinning, Weaving, Home Textile Processing, Apperal Dying, Finishing and Fashion.

Why choose Kamal Limited?

This Vertical Integration from spinning of yarn to manufacturing of Home linen and Apparel. It packs the advantage of most competitive prices and control of quality at each stage. Our In-house facilities extends the advantage of complete control over quality and production process. We strive for on time deliveries. A long list of Satisfied Customers around the Globe bear testimony to Our Professionalism and Dedication. Kamal Limited also provides LDP (landed duty paid) products along with Replenishment quantities through our foreign offices; Sleepwell Inc. USA and Sleepwell Textile Ltd. UK. (Both of our foreign offices are EDI compatible)

Capacity & Capability

Kamal Limited can spin finest quality yarn in counts of 10's to 80's in carded as well as combed versions. The spinning mills spread over 419,000 Square feet, houses 14400 spindles with an approximate production capacity of 4 Million Kgs of yarn / Year.

Being the market leaders of home-textile solutions, Kamal Ltd. as of today is an integral part of the Pakistani Business Community. Our Home Textile Division is the backbone of Kamal Limited with turn-over exceeding 150 million USD per annum, making our capabilities to produce the best soft home goods second to none.



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info@kamallimited.com www.kamallimited.com



Kohinoor Textile Mills

Kohinoor Textile comprises of two spinning divisions located at Rawalpindi (KTML) and Gujar Khan (KGM). There are a total of nine units with 151,000 spindles capable of spinning a complete range of coarse and fine count yarn from natural and man made fibers. In particular, Kohinoor specializes in fine count yarn for high thread count home textile products. The total production of yarn is 28,800,000 Lbs per annum. Five units with 85,500 spindles are at Rawalpindi and four units with 65,500 spindles are at KGM. Both divisions are modern facilities with state of the art machinery from Europe and Japan.

KTML is a leading consumer of American Pima cotton and is a member of the Supima Association of America. The advantage of this is that all products manufactured from Kohinoor's yarn have a Supima trademark.

Mr. Taufique Sayeed Saigol Chief Executive

TECHNOLOGY

The dyeing range at Kohinoor is designed for continuous dyeing and the different types of dyes used can be adapted to customer requirements. These include Pigment, Reactive, Disperse Reactive, Vat and Disperse

dyes. The rotary printing range can print fabric with up to 16 different colours using Pigment, Reactive or Disperse dyes. The pre-treatment, dyeing and printing ranges are fully automated with online monitoring systems to increase productivity and efficiency with the minimization of idle machine time, greater quality control and the reduction of costs in order to remain competitive.

Vision Statement

The Kohinoor Textile Mills Limited stated vision is to achieve and then remain as the most progressive and profitable Company in Pakistan in terms of industry standards and stakeholders interest.

Here are few of our customers from all around the globe :



JC Penny, TJX, Macys, JLA Home, Ellery Homestyle, Indigo Home USA, HEMA Holland, Corte Ingles Spain, Strauss & Tchibo, Germany, John Lweis, Debenhams, Marks & Spencer, Welspun U.K, Antilla, Hobby Hall and Stockmann Finland, (Institutional: Marriott UK, Starwood USA & Europe, Verre W.Monsen Norway), Target, Sheridan & Myers Australia, Woolworths & Edgars South Africa.

Kohinoor Textile Mills mainly deals in home furnishing of bleach/white, solid dye and pigment/reactive print products. It has diversified product range in 100% cotton, poly/cotton, Cotton Linen, Tencel/Cotton etc. with various aesthetic performances, handles and feels/finishes.





KOHINOOR TEXTILE MILLS LIMITED

heimtextil

7 - 10 January 2020 Hall 10.2 Booth B61







Kohinoor Textile Mills Ltd.

Peshawar Road, 46000 - Rawalpindi, Pakistan Telephone+92 51 5495382, Fax+92 51 5495304 info@kmlg.com, shahid.rasheed@kmlg.com www.kmlg.com

Bed linen Flat sheets Fitted sheets Valances Night frills

Bed linenPillows Duvet Covers Comforter Set

FillingsDown proof fabric





When homes speak

KAM International is a leading producer and supplier of home furnishing textile products. We provide end to end solutions to designers, brands, retailers and converters worldwide. Our product portfolio offers a complete range of home fashion solutions beginning from fiber to finished products. We work with industry experts to use the best technology and knowledge to make our products consumer and environment friendly. At KAM creativity and innovation is our biggest source of success, along with our key principles of ethical enterprise and sustainable development. We built partnerships with our suppliers and customers to create the best social and entrepreneurial outcome for the society. And YES we make great products too.

Head Office: 495-DEH Main National Highway, Landhi, Karachi-Pakiston +92 21 35014099 / +92 2135021051 Fax: +92 21 35018298

www.kam-int.com



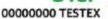












Sustainable Textile Production. www.oeko-tex.com/step

Messe Frankfurt: Kam International's displays at Hemtextil International Textile Trade Fair 2019, Germany.









J.K. Group of companies















Heimtextil 2020

Hall No. 10.0 Stand A 61 A

29-KM, Sheikhupura Road, Khurrainwala Faisalabad, Pakistan.

Tel : +92 41 111 151515 Fax : +92 41 111-161616 E-mail : info@jkgroup.net : www.jkgroup.net URL

















Lucky Textile Mills

LTML has the unique honor of being the first industrial venture of the holding company, Yunus Brothers (YB) Group of Companies. From the very inception we have been committed to the best practices in textile industry and have endeavored to achieve excellence of quality. It has been a story of rapid expansion and diversification all along. We have always installed the very best plant and machinery, consistent with our goal of maintaining the quality to the highest standard.

Our team of dedicated marketing people backed by the finest technical team has shown their commitment and loyalty that helped put the company to a place of pride in the Pakistan's textile industry. One of the salient features of our company has been to be open-minded, learn, adopt and incorporate all available knowledge in the industry to attain excellence.

Our most cordial and lasting relationship with our customers is a testament to our ability to deliver the perfect combination of competitive prices with the highest standard of quality on time in a very turbulent and challenging market place. This needed the optimum use of our top-class human resources as well as the state of the art plant and machinery. Although, we've found a winning formula yet we are determined to continue to fine-tune our approach to sustain our successes.



I am genuinely proud of all my team numbers and grateful to the customers who continue to trust our ability to service them with pride and dedication.

Thank you all. Jawed Yunus Tabba

ABOUT US

Lucky Textile Mills was first established in 1983 and has since remained one of the leading textile manufacturers in the country to-date. With an indelible commitment to employing the most modern technology and providing outstanding working conditions for all our staff, we have always believed in creating the best value for any entity that invests its time with us. For over 25 years, our continued focal point has remained on our esteemed customers and their satisfaction, which we always strive to guarantee.

With 3 state-of-the-art weaving mills that house 750 Sulzer Shuttle-less looms which are equipped with computerized back process comprising of Karlmayer warping and sizing machines. This high-tech mechanism is installed to cater to the international market and has a capacity to process 250, 000 meters per day and over 83 million meters / annum processing capacity. Also, our factories facilitate over 6.20 MW of power generation that provides a self sufficient energy source.



We maintain that every aspect of our operations is inclined towards adding to a progressive future and firmly believe that by stringently pursuing our core values of Leadership, Understanding, Commitment, Knowledge and Yielding, we will undoubtedly grow to be one of the most successful industry leaders in the country.

PRODUCTS

Lucky Textile Mills Limited creates products that are contemporary and pure. Our trendy and classic products are a blend of our cutting edge technology and highly skilled craftsmanship that charm the buyers across the globe. Our Products include,

- Greige & Finished Fabrics
- Soft Home Bedding
- Soft Home Kitchen
- Window Treatment & Shower Curtains
- Apparel



COLONY TEXTILE MILLS LIMITED



In operations since 1946, Colony Group is acknowledged as one of the oldest and a leading textile manufacturing institution among the already highly competitive textile sector in Pakistan. With current capacity strength of 300,000 spindles, 2,900 rotors and 490 Airjet looms. Colony group is producing the finest yarn and fabric products for both domestic and export consumptions. Our 73 years of rich history and consistent operations have enabled us to continuously refine our processes and products through continuous business improvements. Our lessons learned repository in unmatched, translating into superior products and service for our customers.

Keeping our tradition of ever-expanding vision, we are now venturing into stitched fabric domain and have introduced "StitchRite". Based in Lahore, Pakistan. We aim to cater to the Home, Fashion, Institutional & Industrial work wear market internationally with a team of highly skilled craftsmen and on the basis of our broad product portfolio covering both Narrow and Broad Fabrics.

It is strongly encouraged to please visit us at Heimtextil 7~10th January 2020. Hall: 10.0 - c29

Director Marketing & Operations

Sohail Hafeez Chaudhry Mobile: +92 333 4998 887

E-mail: Sohail.chaudhry@colonytextiles.com info@colonytextiles.com



Spinning Division



Weaving Division



StitchRite





Bari Textile Mills

COMPANY OVERVIEW

Bari, a third-generation family business, has steadily expanded its product line and production capabilities to meet the increasing demands of the world market.

Bari operates more than 800,000 sq. feet of manufacturing facilities, including its in-house weaving, dyeing, bleaching, finishing, cut n sew, and distribution operations, managed by our dedicated professional team working around the clock to ensure quality.

We manufacture and export extensive selections of textiles, catering to a wide array of customers. We dominate the global hospitality market and our cotton and polyester products are used at some of the leading hotels of the world.



Our ever-increasing clientele also includes luxury resorts,

health and fitness clubs, spas and other recreational facilities

Another sector where we enjoy major domination is the healthcare industry, retail sector, automotive, interior design etc.



For the efficient production of quality goods, and that too on time, a company needs an effective production facility. We, at Bari Textile Mills, possess state of the art infrastructure having the capacity to produce high quality products. Bari is equipped with latest machines available in the market in order to maintain the high quality standards which we have established for our company.



bari Textile Mills (Pvt) Ltd.









Visit us at

Hall 10.2 B21 heimtextil

07-10 January 2020

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1215 LIVINGSTON AVE, STE. 4, NEW BRUNSWICK, NJ, 08902, USA



Mestex Linens

"MESTEX LINENS (PVT) LTD." is the leading Exporter of Home Textiles and Fabrics. We have a deep-rooted family background in Textiles dating back to more than 50 years. This has been a journey towards success that has earned us impeccable reputation all over the world..

PRODUCTION FACILITY

Our state of the art Stitching facility in equipped with latest technology machines and well trained labour working under a safe and healthy work environment. Mestex enjoys an excellent quality control due to its adaption of best production practices.





Yousaf Usman Ellahi Director

Bedding

We are offering a wide range of retail bedding in Printed and Dyed Fabrics covering a range from T-120 to T-300. Our product offerings include Quilt Cover Sets, Bed Sheet Sets Rumper Sets and Individually Retail packed Sheets and Pillows. We allow our customers and policy of the sets and Pillows.

Sets, Bumper Sets and Individually Retail packed Sheets and Pillows. We allow our customers to choose a wide range of stitching styles and specifications for each of our products to meet their market needs and ensure great value addition.









ATMOSPHERIC PLASMA:
THE SUSTAINABLE, WATER-FREE SOLUTION
FOR HIGH PERFORMANCE FINISHING















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Email: info@mestex.com.pk, Sheraz@mestex.com.pk Website: www.mestex.com.pk

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07-10 January 2020

Hall 10.0 Booth C76



Tested for harmful substances. www.oeko-tex.com/standard100





Arshad Corporation

HISTORY

"One Man's dream makes History"

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

Starting from nothing 6 decades back, Arshad Group of Companies has grown into a successful business empire today. We are thankful to Almighty Who gave us strength to win success for the organization. It became possible due to the impregnable will and the committed and dedicated



Shahzad Ahmad Sheikh

toil of our employees who left no stone unturned to tread swiftly on the way of success. My special thanks to the most valuable customers and associates, whose cooperation helped us climb the loftiest heights. We are committed to continue with the same level of quality assurance and customer satisfaction in future as well, for which the contribution from all the stake holders is direly required. I want to reassure all those who are allied to this inspired organization that we will continue to support, develop and expand our horizons in a fair, sustainable and honorable way.

YARN

Polyester Cotton (PC) Carded & Combed 52:48 & 65:35 Ne 07/1 to Ne 40/1 (Knitting & Weaving) Chief value of Cotton (CVC) 60:40, 55:45 & 75:25 Ne 07/1 to Ne 40/1 (Knitting & Weaving) Polyester Viscose (PV) Carded 90:10 Ne 26/1 & Ne 36/1 (Weaving)

FABRIC

- 100% Cotton
- Poly Cotton
- Spun Polyester
- Flannel
- Percale
- Plain Sateen
- Stripe Sateen
- Twill & Drill
- Dobby
- Jacquard
- Duck Canvas

MADE UPS

- Bed in Bags
- Sheet Sets (All Types)
- Pillows (Filled & Unfilled)
- Duvet Sets
- Curtains
- Tier/Swag & Tier/Valance sets
- Kitchen Accessories
- Rod Valances
- Gowns (All Types)
- Chair Pads
- Institutional Garments
- Comforters & Quilted articles
- Cushions (Filled & Covers)
- Work Wear Garments







- ♠ info@arshadgroup.com
- 16th Floor Tricon Corporate Center, Block H Gulberg 2, Lahore 54660, Pakistan





WWW.ARSHADGROUP.COM







Energy



Printing







Dealing in the textile fabric and made ups, the Group vows to maintainits high quality standards by employing latest techniques, the best professionals and taking on innovative and diversified projects. We provide a pleasant, nurturing and growth oriented environment which encourages our employees to be highly productive and to be grown personally and professionally. We also promise to return the societal share through the philanthropic endeavors.



Sitara Textile Industries

Sitara textiles have earned a phenomenal success in the world of textiles. We further strive to acquire distinction in the textile industries by attaining the position of a market leader. We also look forward to establish standards of quality and adopt modern strategies in order to make our way to the summit.

Sitara Textiles' main motive is to endow its customers with premium products and paramount services through persistent efforts so they can achieve an absolute contentment. Our customers have a firm belief in our quality and commitments which make us liable to meet their expectations. Our strategy of providing the customers with utter satisfaction has resulted in an overall 35% growth in the exports last year.

We have also introduced modernized equipments and expect more technological advancements with passage of time to ensure superiority and customer satisfaction. We are proud on the acknowledgment of Sitara textiles among the leading industrial groups. We, in addition, possess national and international recognition, which lay emphasis on our overall eminence.

Export Products

Sitara Textiles is one of the largest producers of grandeur products that are exported. The quality of these products is highly observed and no compromise is entertained. Our products are comprised of high quality Sheet Sets; soft Duvet Covers, Fancy Valances, Various Bed in a Bag, and relaxing Bean Bags. We also have a variety of well-made and high quality curtains that includes Ring Curtains, Loop Curtains, and Shower Curtains. The products of bedding and bathing also have cozy Comforters and Bed Spreads that are produced with high-class material. Our line of Kitchen Textile is consisted of Aprons, Oven Mats and Table Napkins. At Sitara textiles, we promise to satisfy our customers 100% on the basis of quality. We have high international recognition as well as a high demand for our top quality products.

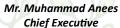
Export Products

"Our products have an idiosyncratic quality and appearance that help them stand out. The entire line of our products ensures quality and brings on the satisfaction. You can view our products below."

- Sheet Sets
- Duvet Covers
- Valances
- Bed Spread
- Bean Bags
- Curtains (Ring Curtains, Loop Curtains, Shower Curtains)
- Comforters
- Bed In a Bag
- Kitchen Textile (Aprons, Oven Mats, Table Napkin)
- Out Door Garden. Beach Chair And Cushion Covers









Mr. Hamza Anees Executive Director





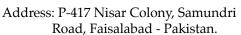




heimtextil

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S. M. Khalid Country Head

About Us

The Hohenstein Institute is an accredited test laboratory and research institute. Its work first and foremost involves the testing and certification of textiles. Beside these services, the institute offers research and development in the field of textile product and application of all kinds relating to its core competencies.



The STANDARD 100 by OEKO-TEX® is an independent testing and certification system for textile raw, intermediate and end products of all processing stages.



STeP ("Sustainable Textile Production") by OEKO-TEX® is an independent certification system for companies in the textile chain (brand suppliers, manufacturers, distributors) who want to analyze, certify and optimize their production plants with regard to sustainable and socially responsible production conditions.



MADE IN GREEN by OEKO-TEX® is an independent textile label for the labeling of consumer goods and textiles from all stages of the textile value chain, which are made of contaminated materials with environmentally friendly processes as well as under safe and socially responsible working conditions.



ECO PASSPORT by OEKO-TEX® is a comprehensive testing and certification system for textile chemicals, paints and auxiliaries.

The ECO PASSPORT textile chemical verification system is fully integrated and harmonized with the

The ECO PASSPORT textile chemical verification system is fully integrated and harmonized with the two OEKO-TEX® certification system for sustainable textile production (STeP by OEKO-TEX®) and product Safety (STANDARD 100 by OEKO-TEX®)

Companies committed to the Greenpeace campaign are often faced with the challenge of meeting



the roadmap by 2020.

DETOX TO ZERO by OEKO-TEX® enables manufacturers along the textile chain to assess the status of their chemical management, as well as the quality of their waste water and sewage sludge with regard to the Detox goal of the Greenpeace campaign, all documented using credible, Independent verification.

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Mahmood Group

Farm to Fabric:

We, at Mahmood Group, have the most consolidated and systematic textile setup with a flexible and extensive range of sophisticated products, is one of the leading manufacturers and exporters of textile. Our slogan 'Farm to Fabric' encompasses the complete range of operations from cotton growing, ginning, spinning and weaving to the finished apparel.

Mahmood Group started business in 1935 by setting up a single tanning unit. Since then, it has evolved into a successfully flourishing business empire. An empire that comprises of cotton growing to finished apparel, tanneries, real estate and food industries. We have customers all over the globe with an annual turnover of US \$500 million and fastest growing sales in the industry. Mahmood Group now consists of 10 companies, 22 manufacturing units and over 11,000 highly skilled employees.

Best Cotton:

'Farm to Fabric' is a unique concept initiated by the Mahmood group. It focuses not only on the growth of cotton in the farms but also ensures total quality management at every step till the fabric is made.

Spinning:

The spinning division of the Mahmood Group has the most efficient and state of the art manufacturing technology; a complete range with latest programming and high-speed ring frames.

Spinning division includes 11 operating units with 250,000 ring spindles (approx.) and a capacity to produce wide range of yarns for end usage in hosiery, knitting, weaving, towel and technical textiles. It has an annual production capacity of 120,000 tons equal to 6600 containers (40 ft) per year with high quality yarn range from 6/1 to 120/1 plied.

We work closely in technical textiles to assist this important and growing segment of international Textile Industry. In order to control and prevent contamination, the spinning division has installed devices like Vision Shield, Magic Eye & SPFP-U at blow room stage and Uster Quantum 3. Spinning division also has the capacity to produce 100 containers (40 ft.) per month (approx.) of double Yarn (2, 3, & 4 ply etc.) or 1800 tons in various count ranges.

Weaving:

Our state of the art weaving facility is operational under the names of Mahmood Textiles Mills Ltd., Masood Fabrics Ltd. and Roomi Fabrics Ltd. It is currently equipped with 650 air jet looms managed by a highly skilled and experienced technical and marketing team. The fabrics woven in our weaving facility cater to the requirements of the apparel, home textiles and technical textile industries. We have a monthly production capacity of 9 million yards out of which 90% is exported worldwide.

The fabrics woven in our weaving facility cater to the requirements of the apparel, home textile and technical Textile Industries.

Mahmood Group owns 400 acres of land on which cotton, wheat and fruits are grown. We normally buy the second pick, which is longest staple and matured fiber. The choice of raw cotton leads to the finest and high quality fabric finish.

In the Ginning process, cotton is separated from its seeds. Mahmood group owns the largest ginning factory network in Asia.

We are engaged in cotton ginning for more than sixty years. Within the radius of 300 km, each ginning mill is attached with spinning mills which results in producing 900 bales per day of homogenous cotton. By using our own ginned cotton, less contaminated yarn is produced.

Apparel:

The apparel department of the Mahmood Group continuously aims at the latest fashion trends. We wish to inculcate these latest trends into apparels, which are a mixture of elegance and charm.

We have a production capacity of over 175,000 pieces per month. We produce yarn dyed fabrics, quilted lined jackets and Sherpa lined jackets, ZT-hoodie, Baseball, Joggers, Lounge Pants, T-shirts, Shorts, Polo's, Jackets, Pullover and Sweat shirts.









Gohar Textile Mill is a vertically integrated textile manufacturing specialist working with wholesalers, retailers, distributors and outlets worldwide. At Gohar Textile the state of the art equipment from Europe converts 50 tons of cotton per day through the various stages of manufacture and into the array of products we export worldwide annually. We have 6 factories and 3000 staff members spread across 120 acres of land in Faisalabad, Pakistan combined with a manufacturing facility in Manchester, UK to ensure consistent output and the quality Gohar Textile is synonymous with. Our teams of over 50





international designers based in Faisalabad and Manchester consistently monitor trends, techniques and finishes to offer the best designs. At Gohar Textile innovation is key and with 40 years of experience in the industry we stay at the forefront of cutting edge technology and combined with our strict quality, technical and social compliance policies we ensure customers' requirements are met.

History

In 1980 four family members opened a textile company in Manchester, UK to fulfill an increasing demand in the cotton textile industry. The ensuing success rapidly required diversification into fashion bed linen and quilts for the retail market and the company acquired an enviable reputation within the textile industry for the quality of its products and efficiency of its service. By 1984 the company had grown and developed at such a phenomenal rate that further investment was made in equipment to manufacture household quilts, curtains and accessories. Due to a rapid increase in demand an integrated operation was opened in Pakistan in 1990. By 1993 the mill was producing printed and dyed duvet and sheet sets and filled products. Today the company is still family owned with a new generation of family members further enhancing the skills and expertise the founders brought to the loom.

Spinning

Our newly installed compact system and capacity of 32000 spindle state of the art European and Asian machinery ensure quality yarn output. Computerized monitoring is a key feature. Capacity: 660 tones/month

PROCESSING

To ensure the quality fabric Gohar Textile is known for, the fabric is processed through several stages to ensure continuous quality. Imported processing dyes and chemicals are used at all stages ensuring quality finishing.

- Pre-Treatment
- Dyeing
- Printing
- **Finishing**

Stitching

With 600 stitching machines and various tools creat a diversified range. A well trained labor force ensures that quality end products are of international standards and testing. The latest Texpa line was introduced to automatically stitch Duvet cover and pillow cases. Capacity: 1.2 million sets/month







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TEXTILE



Come and See us in Hall 10.1 Stand A55



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Nishat Mills Limited

Nishat Mills Limited is the flagship company of Nishat Group. It was established in 1951. It is one of the most modern, largest vertically integrated textile companies in Pakistan. Nishat Mills Limited has 238,032 spindles, 794 Toyota air jet looms. The Company also has the most modern textile dyeing and processing units, two stitching units for home textile, two stitching units for garments and Power Generation facilities with a capacity of 130 MW. The Company's total export for the year 2018 was Rs. 38.862 billion (US\$ 353.03 million). Due to the application of prudent management policies, consolidation of operations, a strong balance sheet and an effective marketing strategy, the growth trend is expected to continue in the years to come. The Company's production facilities comprise of spinning, weaving, processing, stitching and power generation.

Nishat group of companies is a premier business house of Pakistan. The group has presence in all major sectors including Textiles, Cement, Banking, Insurance, Power Generation, Hotel Business, Agriculture, Dairy and Paper Products. Today, Nishat Group is considered to be at par with multinationals operating locally in terms of its quality products and management skills. Following is the list of companies in the group.

Spinning

Nishat Mills Spinning Division has over 238,032 spindles, which are operationally organized into 7 spinning units. The entire machinery is from world-renowned manufactures. All yarns made at Nishat are Ring Spun suitable for both knitting and weaving. Besides the best Pakistani cotton, long stapled American, Egyptian and US Pima cotton is also used for fine counts. For our strong belief in product development and innovation we have our own in house state of the art cotton and yarn testing



Mian Umer Mansha

laboratories. Nishat spinning is one of the most trusted brands in the market due to its efficient production and quality. Spinning production capacity for both Cotton and Blended Yarns is 200 Tons / Day.

Weaving

Nishat Mills Weaving division has 794 modern Air Jet looms which produce approximate 11.3 million meters of fabric per month and makes it the largest weaving facility of Pakistan catering to home textile and apparel fabrics.

Home Textile

With an array of 1,339 modern new generation sewing machines, the Home Textile Division consists of 2 stitching facilities. The two facilities combined have an average production capacity of approximately 24 million meters per annum. The product line is customized to manufacture products of various styles and sizes according to the requirements of our customers, wholesalers, retailers and contract textile business.







Kamal Hosiery Mills

The being a part of Kamal Group, Kamal Hosiery Mill is ventured into Terry Towels / Bathrobes business by early 2017 as a part of its diversification and expansion policy, KHM Towel division, subsidiary of Kamal Hosiery Mills. With latest machinery / equipment Towel Division is a state of the art vertically integrated manufacturing facility from yarn to weaving to stitching/packing of terry products having total initial capacity of 460 tons per month.

Weaving

Latest Dornier Air Jet Looms

Weaving facility is equipped with latest Dornier Terry Looms capable of producing different weaving patterns using Dobby/jacquard.

Dyeing

MCS soft flow

Dyeing and finishing equipment are of European origin, MCS Dyeing and finishing range from Pentek. The plant is geared up to produce approximately 460,000 kgs of toweling products per month in solids and yarn dye. All products conform to AATCC quality standards for colorfastness, light fastness, washing fastness and shrinkages.



Ahsan Kamal

Finishing

Pentek

Energy is a specialty finishing machine, it's the ideal tool to have in-house to produce soft and highly absorbent towels adding bulkiness, pile popup with no crease mark nor lack of uniformity. Its Capacity is 14-16tons per day.

Our Products

The range of products extends: Cotton towels made from Supima, Pima, Giza, Organic, Modal, Bamboo, and Pakistani cottons with possibility in Combed, Zero Twist, Soft twist yarns. Product range will be bath towel, hand towel, face towel, bathrobes, embroidery towel, beach towels. Density in towel will range from 400GSM to 1200GSM KHM Towel division has the advantage of a



vertically integrated unit. The Kamal Spinning unit has been producing yarns Supima, Pima, Giza, Organic, Modal, Bamboo, and Pakistani cottons.













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Manufacturing & Export of Greige Fabric, Home Textile & Apparel, Mk Sons, standing today as a respected name in the manufacturing and export of quality fabrics, made-ups and institutional Garments started off in 1987 as trading company.

M.K.Sons (Pvt) Limited, standing today as a respected name in the manufacturing and export of quality fabrics, made-ups and institutional Garments started off in



Rana Javed Akhtar





1987 as a trading company. Once the markets were identified and contacts established, the decision to set up own manufacturing facilities was taken. The Process started with the establishment of a stitching unit in 1995 and a weaving unit in 1997 subsequently, in the year 2000, a textile printing mill was also established.

Further Airjet and digital printing should be mentioned. Under visionary planning and guidance, a team of competent and dedicated professionals has worked day in and day out to achieve what the company is today. The effectiveness of our management systems, the skill of our work force and the quality of our product, our real pride comes from our ability to have honored all the commitments made to our clients resulting in long term relationships.



















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Supply Chain, Industry, Environmental Groups Represented





The inaugural Board of Directors has been named for the U.S. Cotton Trust Protocol (Trust Protocol), a new standard developed to help the U.S. cotton production sector further reduce its footprint by enabling producers to assess their performance against specific sustainability goals. Through robust data inputs, the Trust Protocol will add confidence throughout the supply chain positioning U.S. cotton as the responsible choice for mills and retailers.

The appointees include delegates from across the entire supply chain, leading industry, scientific and academic experts as well as representatives from world renowned environmental organizations.

"We are proud to announce the appointment of the Trust Protocol's first-ever board of directors," said Ken Burton, Trust Protocol executive director. "This group of individuals bring unmatched expertise within the cotton industry, a thorough understanding of

the sustainability challenges facing the textile industry and experience within the retail sector. Working together, the Board will ensure the Protocol will meet sustainability requirements throughout the supply chain and provide an unmatched level of transparency and accountability."

Directors representing the raw cotton industry include:

- Producers Matt Coley (Georgia);
 Ted Schneider (Louisiana); Shawn
 Holladay (Texas); and Aaron
 Barcellos (California);
- Ginner David Blakemore (Missouri);
- Marketing Cooperative Hank Reichle (Mississippi);
- Merchant Steve Dyer (Tennessee);
- Cottonseed Fred Serven (Tennessee);
- Manufacturer Jim Martin (North Carolina);
- Brands/Retailers are Liza Schillo, Levi Strauss & Co., and Joe Little,

Tesco;

 Suzy Friedman, Environmental Defence Fund; Melissa Ho, the World Wildlife Fund; Marty Matlock, the University of Arkansas; and Garry Bell, formerly with Gildan.

Trust Protocol advisors include: Jesse Daystar, Cotton Incorporated; Andy Jordan, Jordan Consulting; Marc Lewkowitz, Supima; Mark Pryor, The Seam; and Mike Quinn, Frontier Spinning Mills.

After initiation of a pilot earlier this year, full implementation is scheduled for 2020 for the Trust Protocol, which is aimed at helping U.S. cotton achieve by 2025 these national sustainability goals:

- 13% Increase in productivity, i.e. reduced land use per pound of fiber;
- 18% Increase in irrigation efficiency;
- 39% Reduction in greenhouse gas emissions;
- 15% Reduction in energy expenditures;
- 50% Reduction in soil loss; and
- 30% Increase in soil carbon.

The directors will govern the Trust Protocol which has a mission of meeting U.S. cotton customers' sustainability needs and providing transparency on cotton industry efforts to promote farmer economic livelihood, environmental stewardship, caring of people and community, and personal and corporate integrity.



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COTTON USA™ and Oritain™ Ink New Partnership for Traceability

Industry first: forensic verification of origin for all U.S. cotton COTTON USATM and OritainTM have signed a partnership to provide industry leading, forensic verification of origin for all U.S. cotton. A global first for the cotton industry, this collaboration will give brands and

While this level of traceability is new, the U.S. cotton industry has always strived to produce and deliver high quality cotton that is the most sustainable cotton in the world. This ambition is already being realized through improved fiber properties, increased productivity and a

from their suppliers."

To achieve the level of traceability that the industry is demanding, Oritain's unique method applies forensic science to detect trace elements in the cotton itself. Soil composition and other environmental factors give the cotton an inherent "fingerprint" specific to each location – what Oritain calls the Origin Fingerprint. This is the only way to be absolutely sure of where particular cotton was grown. Cotton can be tested at any stage on its journey from farm to shop floor, giving buyers complete assurance that the product has not been substituted along the way.

Guaranteeing origin will address traceability challenges faced by the cotton industry, including minimizing the risk of supply chain partners blending the product with lower quality fibers. "Global supply chains are incredibly complex and the potential for blending and other illegal activity in the production of cotton textile products is large. However, given that Oritain's Origin Fingerprint cannot be altered or faked, COTTON USA and their customers can be safe in the knowledge that their product is exactly what it says it is," said Hodges.

This new partnership follows a successful pilot program and rigorous blind test for Oritain, during which samples were collected across Arkansas, Mississippi, Oklahoma and Tennessee, and subsequently identified with 100% accuracy.



retailers the assurance they need to make responsible sourcing and purchasing decisions.

"We're thrilled that COTTON USA is taking the lead when it comes to traceability," said Rupert Hodges, Executive Director, Oritain. "We want to support COTTON USA who are making a conscious effort to find real, workable ways of farming more sustainably. The result is an incredibly high-quality crop that not only performs well but supports the environment. Now through Oritain, customers who choose U.S. cotton can have total confidence that they are getting the product that they sourced."

shrinking environmental footprint. All cotton-producing regions in the U.S. are aiming to further reduce greenhouse gas emissions, soil loss, water, energy and land usage.

"This partnership with Oritain will provide COTTON USA with a unique selling point in both domestic and export markets," said Bruce Atherley, Executive Director, Cotton Council International. "Now U.S. cotton will offer the highest level of end-to-end traceability in the industry, combined with a raw material that is leading the way in terms of sustainable practices – two things that global clothing brands now demand



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About Oritain Oritain

analyses the actual product itself, tracing it back to its true origin using advanced science. With its team of experts in forensic science and data analysis, Oritain creates Origin Fingerprints to match products back to their claimed origin from any point in the supply chain. They work with some of the largest producers, manufacturers and retailers across the fashion, food, and pharmaceutical industries.

Lenzing number one for sustainable wood procurement

In the Hot Button Report issued by the Canadian non-profit organization Canopy, the Lenzing Group has once again been rated number one in the world, confirming its role as the sustainability trailblazer in the textile industry.

In this widely recognized ranking, Canopy grades the world's 32 largest producers of wood-based fibers with respect to their success in achieving sustainable wood and pulp sourcing. Wood and the pulp derived from it are the most important raw materials underlying Lenzing's sustainable production of cellulosic fibres.

"We are extremely proud of this top ranking. It underlines our leading position as a sustainability trailblazer in the manufacturing sector and in the fibre industry in particular. It gives our customers the confidence that we have created the right structures to prevent the sourcing and use of wood from ancient and endangered forests," says Stefan Doboczky, CEO of the Lenzing Group. "Environmental protection and the prudent use of resources are an integral part of our responsibility to nature and society," he adds.



Lenzing says it convinced the non-profit organization Canopy this year thanks to its innovative strength used to promote the circular economy in the textile industry, its active contribution towards protecting the forests and preserving biodiversity as well as its high level of transparency in pulp sourcing.

Lenzing received a total of 26.5 points (up 3.5 points from the previous year) and was accordingly given the 'light to mid green shirt' rating. This means that in using the wood-based cellulosic fibres produced by the Lenzing Group, there is only a very minimal danger that wood is derived from primeval forests and endangered forest areas. In the Wood and Pulp Policy published by Lenzing, the company confirms that it only sources wood and pulp from non-controversial sources.

Oerlikon highlights tailor made solutions at SINCE

Oerlikon Nonwoven reports it made a convincing appearance at the 18th Shanghai International Nonwoven Exhibition (SINCE), which took place from 11-13 December. The company showed tailor-made solutions for hygiene, medical, filtration and other technical applications as well as extensive product and process know-how.

Dr. Ingo Mählmann, Head of Sales and Marketing of Oerlikon Nonwoven, was very pleased with the three lively days at the trade fair: "The many discussions showed that we are on the right track with our strategy and the further development of our technologies with regard to nonwovens. Visitors were impressed by our technology solutions for disposable nonwoven fabrics or geotextiles".

According to Oerlikon, almost all well-known nonwoven fabric producers visited its trade fair stand to find out about the advantages of spunbond, meltblown and airlaid technologies.

Overall, the nonwoven fabric team of the Oerlikon Group drew a very positive conclusion and looked back with satisfaction on the intensive and good quality discussions as well as numerous concrete inquiries from customers and prospective customers.











Extensive spunbond portfolio

In the field of spunbond technology, Oerlikon Nonwoven is already very broadly positioned. The production process for geotextiles made from polyester or polypropylene has been optimised. It is characterized by high production capacities and yields combined with low energy consumption. For the production of hygiene nonwoven fabrics, Oerlikon Nonwoven offers its new QRS plant (Quality Sized Right). The web forming part of this plant is provided by Oerlikon's Chinese engineering partner and integrated into the overall plant. The advantage for the nonwoven fabric producer - competitive solutions at an attractive price level with comparatively low investments.

Meltblown technology

With Oerlikon Nonwoven's optimized meltblown technology the production of new, unique and highly sophisticated filter media is made easy. Whether used as a stand-alone mono or bi-component plant, 'plug & produce' installations in existing plants or in combination with other technologies - Oerlikon Nonwoven's meltblown process enables already today the cost-efficient production of meltblown nonwoven

fabrics with tomorrow's quality requirements. More and more producers are opting for Oerlikon Nonwoven's meltblown solutions, which have proven their worth many times over and are subject to constant further development.

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Tomorrow's nonwovens

high-quality, production of lightweight airlaid nonwoven fabrics at economically attractive production speeds and plant throughputs is very much in demand today. In this area, Oerlikon Nonwoven sets new standards with its patented forming process characterized by homogeneous mixing of a wide range of raw materials while simultaneously achieving high uniformity and homogeneous fibre deposition even with very thin nonwoven fabrics. The advantages of this technology become increasingly important for sustainable applications in the recycling sector: airlaid recycling plants this year alone.

Gore reinvents Gore-Tex Pro fabric technology

Since the Gore-Tex Pro fabrics category was first introduced in 2007, it has aimed to continuously push the limits

in waterproof-breathable apparel built to provide the most rugged protection for extreme and extended weather conditions and activities.

Beginning in Autumn 2020, the Gore-Tex brand will offer three different types of waterproof-breathable fabrics in its Gore-Tex Pro product technology, each optimised for different types of performance. This will enable manufacturers to create apparel featuring differing types of performance for varying end uses.

Mark McKinnie, Product Specialist for Gore-Tex Pro, commented: "Until now, any brand that wanted to build a jacket with Gore-Tex Pro material could choose from a wide range of different fabric textiles, but they were all made with the same high-performing waterproof-breathable Gore-Tex fabric technology.

"Now, brands can optimise at a much higher level for different kinds of performance and different sorts of activities, by combining three different fabric technologies in the same piece of apparel or by choosing the technology that best suits the intended end use."

The three waterproof, windproof and breathable Gore-Tex Pro fabric technologies, all meeting the Gore-Tex Guaranteed To Keep You Dry promise, include:

• Gore-Tex Pro most rugged technology – This new Gore-Tex Pro fabric is the most rugged Gore-Tex fabric ever made in the Mountain Sports category. The extreme level of ruggedness is achieved via a 3-layer system using new membrane technology, very rugged face textiles and the robust Micro Grid backer in the new solution-dyed version, tested through the "Five-Finger-Scratch-Test". It is well-suited to high-wear situations and people who want the longest possible



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t the new Gore-Tex Pro technology is Mollie Hughes, who ear from Mountain Equipment during her current solo ski e

garment life.

- Gore-Tex Pro stretch technology Using an entirely new approach to achieving stretch in a waterproof-breathable fabric, this new technology offers level of durability a consumer expects from a Gore-Tex Pro laminate in combination with up to 20 percent stretch for improved comfort when moving.
- Gore-Tex Pro most breathable technology For higher exertion situations, the rugged technology provides extreme breathability, minimising moisture build up and giving more comfort in more conditions. It newly offers lighter fabrics and comes with the new solution-dyed version of the Micro Grid backer.

McKinnie further commented: "New Gore-Tex Pro fabrics take the high performance that consumers equate with the Gore-Tex Pro name, increase performance in specific areas, and then allow manufacturers to build garments in the way they think makes the most sense for their customers.

"If climbing is the focus, you might want to incorporate stretch in the back

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of the shoulders and arms, the most rugged fabric at the elbows and top of the shoulders, and extreme breathability in the body. But for downhill skiing or mechanised mountain sports like snowmobiling, the most rugged laminate may take precedence over breathability and stretch."

"Along with higher performance, new Gore-Tex Pro fabrics are also more sustainable. The most rugged and breathable versions use a new solution-dyed Micro Grid backer that reduces water use and carbon emissions in manufacturing, while offering outstanding performance. The Gore-Tex Pro fabric line also offers a wide range of solution-dyed face textiles, along with a range of face textiles made with recycled materials," the company says.

New Gore-Tex Pro fabric technology will be available in Autumn 2020 from a range of high-end apparel makers, including Arc'teryx, Mammut, Mountain Equipment, Mountain Hardwear, Montbell, Norröna, and Patagonia.

Scavone orders DILO Line

The 126-year-old Brazilian company Scavone, one of the most important producers of nonwovens in South America, has ordered a new DILO needlefelt line.

Since its 1993 entry in technical textiles, Scavone's portfolio has expanded to filtration, shoes, geotextile, acoustic, furniture and automotive. The company has four nonwovens production lines so far. According to DiloGroup, with the new needlefelt line Scavone increases its production capacity and trusts in DILO quality, reliability of machines, technology and service.

The DiloGroup plant consists of fibre preparation, MultiCard and lap drafter,

as well as crosslapper and needlelooms. It is used to process PES, PP and BiCo fibres into needlefelt especially for geotextile and automotive applications. The implementation of DILO Line 4.0 offers optimum process control and monitoring.

Autefa's nonwoven solutions at Techtextil India 2019

Autefa Solutions' hydroentanglement machine V-Jet Futura and square drum dryer SQ-V. © Autefa

During Techtextil India, which will take place from 20-22 November in Mumbai, visitors will experience future-proof solutions for improving quality and productivity while visiting Autefa Solutions.

The company will present its portfolio as a preferred full- line supplier for carded- crosslapped needlepunch lines, aerodynamic web forming technology, spunlace, and thermobonding lines for producing nonwovens to cater to wide range of applications, such as filtration, geotextiles, automotive, carpets, technical felts, waddings, insultations, wipes, hygiene etc. In the premium nonwovens segment Autefa Solutions has a comprehensive product range in both forming and bonding systems.

V-Jet Futura

With the introduction of the new hydroentanglement machine V-Jet Futura Autefa Solutions offers now the entire line for spunlace producers. The V-Jet injector for spunlace machines and the square drum dryer SQ-V, both are innovative contributions to energy savings and reduced manufacturing costs, the company reports.

The aerodynamic web forming machine Airlay Futura, which is based on the successful Airlay K 12, is well received,



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according to the manufacturer. Autefa Solutions has repeatedly introduced innovative machines, including the Crosslapper with the Closed Loop System, which influences the quality of an entire line and also saving of raw material."Autefa lines cover the needs of the highly-competitive nonwovens market with solutions ensuring lower energy cost, lower maintenance cost combined with higher rate of production and superior quality," the company says. "An improved and even surface quality has been set as key target by the customers. Therefore, Autefa Solutions offers the service of a customized needle board pattern. The i-Point needling simulation tool increases the capacity and the quality of needlepunched fabrics."

New needle patterns

The development of new needle patterns and the evaluation of surface quality is much more effective and economic with the i- Point software technology, according to the company. It creates a layout of stripper and bed plate including the elliptic needling (Variliptic). This customised design of needle pattern, which takes also draft and shrinkage into consideration, is said to reduce the

process optimisation time on customer site. Autefa Solutions needlepunch lines produce an even and homogenous fabric with outstanding technical performance in terms of tensile strength and evenness (MD/CD ratio)."With innovations and great commitment as well as with partners and customers, Autefa Solutions will implement the goal Leads the way in nonwoven lines," the company reports. Since 2011, the name Autefa Solutions stands for the combined expertise of Autefa from Germany, Fehrer from Austria, the Italian companies FOR and OCTIR from Biella, and Strahm Hi-Tex from Switzerland.

Nonwovens Innovation Academy gathers over 100 pioneers

The Nonwovens Innovation Academy 2019 (NIA), held in Denkendorf from 16-17 October, demonstrated once again that the nonwovens and related industries harbours a talented and thriving research community.

Over 100 R&D and innovation managers, product developers, researchers and students from Europe to the Middle East,

India and North America gathered for an intense conference programme and networking.

inspiration Seeking and sharing knowledge to create new solutions and improve current applications were the main drivers for participants, according to the event organisers. The conference programme covered the industry's topical issues under the following themes: technologies, nonwovens materials and recycling, spinning technologies, medical developments and innovative applications.

Eighteen researchers and students presented academic posters in the networking area to the delegates and a jury of experts. Two research projects won the contest and will receive a grant to visit the INDEX20, the leading nonwovens exhibition taking place from 31 March to 3 April 2020 in Geneva, Switzerland.

The winners of the poster contest are:

- Michael Philipps, University of Leeds, with his research on Nonwoven-Reinforced Elastomers for Repair and Regeneration of Soft Tissue
- Siddharth Shukla, Indian Institute of Technology Delhi, with his research on Micro-Structural Analysis of Absorptive Glass Mat (AGM) Nonwoven Separators Via X-Ray Computed Tomography Analysis

The Innovation Roundtables, a new feature of the NIA, were enthusiastically received by all participants. They allowed small groups of attendees to discuss a broad range of product innovation challenges with innovation experts.

"To sum it up, a perfectly organized event – a highly informative program and an excellent networking opportunity," said Anja Waldeck, Speciality Papers Europe, SWM.



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"A very interesting conference covering both fundamental research and the applicability in several applications with a strong focus on sustainability. Also very interesting for building networks between the industry and different academic parties," commented Davy Goossens, Market and Product Development Manager, Beaulieu Fibres International.

Trevira wins Brandenburg Innovation Award

Trevira has been named winner of the Brandenburg Innovation Award for Plastics and Chemistry 2019 by the Brandenburg Ministry of Economic Affairs for its new flame retardant, UV-resistant polyester yarn.

The yarn, which is available in a variety of colours, is specially designed for outdoor applications. It was selected for the award by a jury of five, with the prize-giving ceremony taking place at the Cluster Conference Plastics and Chemistry on 21 November.

Trevira's innovative new yarn is designed to combine multiple qualities in a way never before achieved for a polyester textile. The yarn features permanently integrated flame retardancy and UV protection, along with durable colour

that is highly resistant to washing. It has immense potential for numerous applications in highly regulated outdoor sectors – for example, in areas such as lounge furnishings for cruise ships.

Trevira has been recognised for its new flame retardant, UV-resistant polyester yarn. © Agentur Medienlabor Adam Sevens

"We are extremely pleased that our innovative development has been recognised by the jury of the Brandenburg Innovation Award. Our product demonstrates the enormous talent and potential of our development department," said CEO Klaus Holz.

Five companies were nominated for this year's innovation award, which carries a EUR 10,000 prize. As part of the selection process, each company was invited to meet the jury in person to talk about their product.

The Brandenburg Ministry for Economic Affairs describes the prize as rewarding outstanding ideas and solutions by Brandenburg start-ups and companies, along with creative solutions from cross-sector partnerships between companies and research institutions.





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BCF S8 with CPC-T - color separation has never been so easy

Neumünster, 20. November 2019 – Oerlikon Neumag promises more flexibility in the color pattern design of carpets with the latest carpet yarn system BCF S8 at DOMOTEX 2020 in Hanover. All trade fair visitors can convince themselves of the possibilities for product differentiation in Hall 11, Stand A36.

Multi-colored carpets are becoming increasingly popular and the desire for significantly more flexible color mixing variants for product differentiation is increasing. Oerlikon Neumag has focused on this and developed the BCF S8, a platform that leaves nothing to be desired when it comes to the color separation of tricolor yarns - from mélange to strongly separated.

Over 200,000 different shades out of three colors

The core component in this process is the new, patent-pending Color Pop Compacting Unit (CPC-T) for an even more flexible and even color separation. Individually controllable air pressures per color in the CPC-T provide a pretangling, which results in an accentuation of the colors and thus enables over 200,000 different shades.

Color Pop Compacting also for PA6 yarns

Until now, it was difficult to produce highly color-separated or accentuated BCF yarns from polyamide 6, but in the future, this will be possible thanks to the CPC-T. Thanks to the new design, the CPC-T is now also suitable for processes with low thread tensions.

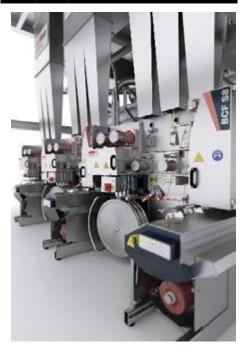
RoTac³ tangle unit with extensive modifications

Significant technological changes to the RoTac³ tangle unit lead to even more efficient BCF yarn tangling. On the one hand, the nozzle has been optimised flow-wise so that the air pressure can be reduced by approx. 10% compared to the previous version with the same knot strength. Furthermore, the nozzle bearing arrangements have been improved. As a result, either higher speeds or nozzle rings with a higher number of holes can be driven, which results in even more knots in the yarn.

The RoTac³ is part of the standard scope of delivery for the newer BCF S8. The tangle unit is optionally available for the single-thread Sytec One plant as well as for the three-thread S+ and can be retrofitted on request.

Oerlikon Manmade Fiber solutions for PET carpet applications now cover a range from 0.5 to 30 dpf

In addition to the BCF S8 technology described above, Oerlikon Manmade Fibers offers another system concept based on a POY and texturing process. This configuration is designed for a carpet and home textile product range, which is based on a very soft and puffy polyester thread with BCF-like properties due to the small dpf. The target is yarns with a titer up to a maximum of 1300dtex and typically over 1000 filaments. Typical products are, for example, a 1300dtex f1152 or 660dtex f1152 and 990dtex f768. The machine concept consists of the wellknown WINGS HD POY winder and the new eAFK Big-V texturing machine.



2,918 characters including spaces Image caption: BCF S8 Tricolor Image caption: Color separation with CPC-T (from left to right: mélange, color pop, one color separated)

About Oerlikon

Oerlikon (SIX: OERL) develops modern materials, systems and surface technologies and provides specialized services aimed at securing highperformance products and systems with long lifespans for customers. Supported by its technological core competencies and its strong financial footing, the corporation continues its medium-term growth plan by implementing three strategic factors: focusing on attractive growth markets, ensuring structural growth and expanding through targeted M&A activities. Oerlikon is a globallyleading technology and engineering corporation, operating its business in two segments (Surface Solutions Manmade Fibers) and employing around 10,500 members of staff at 175 sites in 37 countries worldwide. In 2018, Oerlikon generated sales of CHF 2.6 billion and invested around CHF 120 million in research & development.



Good Times Better Times Textiles Times is the Best Times



Twisting Solutions at Domotex 2020

Domotex, the world's largest trade fair for floor coverings, will take place in Hanover from 10 to 13 January 2020. Saurer Twisting Solutions is looking forward to welcoming customers and visitors at their Booth B35 in Hall 11.



Automation solutions made to measure for processing BCF yarns

At Domotex, Saurer Twisting Solutions present customer-optimised will solutions for process automation and product cost reduction. Automation of the material transport systems offers significant customer benefits. This is because these systems are individually adapted to the needs of our clients and enable an optimum material flow throughout the entire twisting mill. Whether in the form of a lifter in combination with our rail transport system FlexFlow or the automated guided vehicle PackDrive, the modern automation solutions offered by Saurer are the next step into the future.

Easier and faster with new machine generation

The new generation of our carpet yarn machine, our Carpet Cabler Carpet Twister1.10, offers an optimum of possibilities for reliably and confidently mastering even the most unusual requirements of a lively market. Central adjustments of almost all production parameters, an intuitive user interface and the newly designed take-up area significantly reduce the machine's changeover times. Modern technology and innovative yarn sensor technology for monitoring the yarn quality generate significant added value for our customers.



Process control with Saurer Mill Management System Senses

This digital system bundles and analyses production, quality and performance data across all divisions. Even machines from third-party manufacturers can be managed. Plan deviations, quality fluctuations or irregularities are thus detected in real time, enabling mill managers to react quickly. They can also use the sum of the data to analyse processes comprehensively in order to find opportunities for optimisation. The Saurer exhibition team is looking forward to welcoming customers and visitors at the Domotex 2020 and to informing them about the latest developments.



Uster Technologies AG

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SSM's precision package winding solutions at ShanghaiTex

SSM Schärer Schweiter Mettler (SSM), Switzerland's leading supplier of precision winding machines in the fields of dyeing, weaving, and sewing thread preparation, will present its latest solutions at the upcoming ShanghaiTex, which takes place from 25-28 November.

"SSM enables yarn dyers to be successful - with the precision package winder PWX," the company reports. "Only a quick response to market trends in combination with high cost-efficiency enables customers to be competitive. The winder offers clear benefits to dye package winding and rewinding of filament and staple fibre yarns, with or without lubrication."

For the Xeno-platform, the company will present a self-regulating backpressure system preciforce - for a guaranteed package consistency. In addition, the next generation of the blade winding powerblade will be introduced for the Xeno-platform.

SSM Textile Machinery, based in Horgen, Switzerland, is a subsidiary of the Rieter Group. SSM is a leading supplier of precision winding machines in the fields of dyeing, weaving and sewing thread preparation and enjoys success in individual segments of filament yarn production. SSM comprises the companies SSM Schärer Schweiter Mettler AG in Horgen and subsidiaries in Italy and China.

Rieter is the world's leading supplier of systems for short-staple fibre spinning. Based in Winterthur, Switzerland, the company develops and manufactures machinery, systems and components used to convert natural and manmade fibres and their blends into yarns.

Rieter is the only supplier worldwide to cover spinning preparation processes, as well as all four end spinning processes currently established on the market.





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Ring spinning... as good as it can be

Uster, Switzerland, 10th December 2019: Even in the best ring spinning mills, there is always room for improvements, among a complex range of options management and operatives need to consider for optimized productivity and profit. USTER®SENTINEL provides a fact-based overview of spinning machine performance, pinpointing real opportunities for excellence in the use of technology, components and manpower.



The biggest challenge in my job is to source skilled shop floor operatives and retain them inthe long run," says M. Kannan, General Manager responsible for technical and factory administration at Kikani Exports. The mill – obviously a well-run unit – is located atDholkain the Indian state of Gujarat. Its installed capacity includes 29,376 ring spinning spindles and 4,320 twisting machine spindles. To improve the manpower situation, the mill prioritizes progressive HR policies and a decent working environment, as well as investing in sophisticated production machinery.

Wide-ranging benefits in ring spinning

"We invested in USTER®SENTINEL ring spinning optimization system with the goal to improve profits but we are delighted that staff also likes the installations," says VrajeshKikani, Managing Director, Kikani Exports. The mill reports a positive impact on profitability resulting from successful optimization of a number of factors, such as waste, ring traveler lifetime, machine speed and energy consumption etc.

Production focuses on 100% cotton combed compact yarns, in the count range Ne 20 to Ne40, for weaving and knitting end-uses. The mill has been able to reduce waste by halfsince installing USTER®SENTINEL.Enhanced overall productivity is a consequence of reducing pneumafil waste. USTER®SENTINELalso monitors the productivity of all spindles, feeding back all the required links and information tohelp yarn producers make optimization decisions at ring spinning based on reliable data.

Among potential problems for all spinners is inconsistent yarn quality characterized by low twist, caused by loose fibers blocking travelers—especially excessively worn ones. Only USTER®SENTINEL can identify spindles malfunctioning in this way, since the issue does not cause end-breaks but still produces yarns which are too weak for high-speed warping and weaving machines. Then unique Off-Standard feature of USTER®SENTINELsafeguards against 'hidden' quality risks such as this.

Bobbin build-up report gives practical support

End-break levels are a key indicator of ring spinning performance, and USTER®SENTINEL recognizes this by providing an intuitive bobbin build-up report for every parameter influencing end-breaks. Spinners can then initiate improvements relative to their own mill, taking account of ambient conditions andenergy consumption, as well as machine speed, wear of mechanical parts and personnel.

The bobbin build-up report also provides for higher performance, along with optimized cops. Comprehensive analysis of the speed curve – and its impact on quality throughout cop build-up – is a key element of the enhanced way of optimizing ring spinning performance. Cop build-up quality is the new dimension of optimization, enabling managers to select the correct machine settings for higher production yields, while keeping quality at the desired levels. Furthermore, it is now possible to compare ring spinning performance between different machines.

"The bobbin-build up report offers us potential savings on travelers, optimizing their lifetime," says Kannan. He makes use of this facility for ring traveler performance comparisons by using the end-break information to indicate the end of traveler life cycles. The bobbin built-up report allows the mill to monitor traveler wear related to age, checking stable end-break rates through the entire doff duration. This report shows the current state in intervals of five minutes, and an overview provides information about end-breaks per 1,000 spindle-hours.





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Textile Times December Edition 2019

Fact-based feel-good advantages

Reports give status information at five-minute intervals, including endbreaks and piecings during that period. "Information about piecing speedshelps me to identify each operator's skill level so that I can optimize the operation schedules and processes. Only byassigning manpower carefully it ispossible to maintain ideal working conditions," says Kannan. **USTER®SENTINELhandles** complete personnel management, including shift planning and staff assignmentfor all machines in the system- integrated with monitoring of critical ring spinning parameters. This makes personnel management in ring spinning fact-based and less time-consuming.

Reliable detection of slip, rogue and idle spindles is what makes USTER®SENTINEL popular among

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shop floor staff. LEDs indicate spindles showing an issue or positions where an end-break occurs, directing personnel quickly to fix the problem. Incidents are also shown on the machine display, providing an overview of spindles where attention is needed. "Operators really enjoy working thanks to USTER®SENTINEL, as it makes it easy to spot an end-break, even when patrolling far away. They enjoy the experience of handling their job efficiently and are under less stress – both of which increase the feel-good factor at work," says Kannan.

The long view

Optimizing the potential of ring spinning covers many aspects, taking advantage of USTER®SENTINEL and the data it provides: waste saving, compressed air saving, energy saving, cuts saved at winders and increased productivity and

quality. SaysKikani:"USTER®SENTINEL works as a ring spinning optimization system, increasing profitability where it matters most...every day."

Kikani visited the USTER booth at ITMA 2019 in Barcelona. He was interested to learn about further technologies and how a mill will be managed in future. "I'm amazed about the advantages for ring spinning through connectivity. I can see more profit optimization potential. With USTER®SENTINEL and USTER®QUANTUM already installed, only USTER®QUALITY EXPERT is needed to correlate ring quality data and winding quality data in a single system." There is one key performance indicator still not integrated the system but no less important to the company: "Enjoyment. A happy staff supports great performance and is a positive cost factor for the mill in the long run," says Kannan.











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Vandewiele present at DOMOTEX Hannover 2020!

What is needed today is an entirely digital machine or a complete integral digital production plant, which enables you to produce carpets of the highest quality with the greatest flexibility at an economical cost.

Therefore you need to visit the "Vandewiele stand"

Vandewiele offers complete carpet manufacturing solutions, from granulate to carpet. The portfolio contains BCF extrusion lines, heat-setting, tufting, carpet weaving machines and finishing lines. The synergy of competences in these different fields leads to important technical breakthroughs for the benefit of the customer.

The final quality of a carpet mainly depends on the quality of the yarn being used. The Vandewiele experience in woven and tufted carpet, combined with the technological know-how of efficient yarn production, has led to the development of Vandewiele extrusion equipment. Our technological support in combination with our knowledge of further downstream processing is unique in the world and significantly contributes to the customer's success.



Starting with extrusion

The new generation BXE+ is evidence of our dedication to offer the market the best possible solution for efficient yarn manufacturing. On Domotex we highlight the newly developed INCA Intermingling system with reduced air

consumption and increased regularity of intermingling, and the 2-step drawing which offers supreme yarn properties. Additionally our customers can see and experience a Tricolor line in our new Experience Centre in Belgium.

After extrusion, yarns are often cabled and heatset. Since many years our French company **Superba**, part of Vandewiele, is a world-leading manufacturer of heatsetting equipment.



SUPERBA now offers two different heat-setting solutions for carpet yarn: The reputed TVP3 heat-setting line with saturated steam under pressure, and the new triple-layer DHS3 line with overheated steam. By extending possibilities and processes, whatever the fiber type you would like to treat or the result you want to obtain, would it be pinpoint effect, resilience, bulk or wear & stain resistance, SUPERBA has the right solution. Together with the unequalled MCD3 space-dyeing machine that enables a wide range of effects such as bi-color spraying, one-pile/one-color or tone-on-tone, SUPERBA solutions for carpet yarn open up new perspectives for the carpet industry. To complete the range, SUPERBA also proposes the innovative B403 automatic winder with a constant tension winding process for delicate or thin yarns.

On the Tuftside

we will show samples of the Colortec C+1/10'' and the Colortec L+1/7'', the most flexible & versatile tufting system in the market.

A wide variety of jacquard designs for tufted carpets and rugs, available in 5/32'', 1/7'' or 1/10'' combined with a Small Creel creates a flexible system for quick color change and small runs.



With the Colortec and its ICN technology, the Individual Control Needle, a higher efficiency and quality will be reached. It will only tuft pile where required and therefore saves a lot of yarn for shaped carpets. Moreover, it allows you to tuft with "weaker" yarns (e.g. wool), considerably less yarn on the back and multiple color mixes.

The Colortec can be combined with an IPD system for active yarn feed. This allows a much better pile control, resulting in a cleaner surface of the fabric, a wider range of yarns and yarn counts for a different look, feel and pile heights.

Using TexConnect software, an exact individual yarn consumption can be calculated, resulting in less waste yarn.

Vandewiele, expert in weaving

The advantage of the complete digital control by the Fast Creel will be shown, producing carpets at the highest speed with reduction of yarn loss, so obtaining carpets at the lowest cost price possible.

Vandewiele will also illustrate an important trend of light carpets woven on the VSI 3meter machine.

Of course, a wide range of woven carpet qualities will be shown on the stand: Axminster carpets, loop pile carpets,



rugs from economical qualities in reed 320d/m up to high density 1500 d/m, car mats etc.

For finishing your fabrics the completely revised TITAN 5540 is now able to finish carpets with straight corners, next to carpets with round corners and complex shapes. The optional integrated label printer allows for traceability throughout your production process of each carpet individually.

The entirely electronic carpet handling system further improves the stability

of the process. The newly designed construction allows improved ergonomics for the operator.

A completely digital machine needs integral digital planning and a performant BI. With the powerful and Internet Of Things based TEXConnect you can manage and control your entire production equipment.

For more information, please do not hesitate to contact our Marketing & Communications department at marketing@vandewiele.com or feel free to visit us during Domotex, Hall 11

C31. We will be glad to welcome you and to share our new developments and highlights!

Vandewiele Experience Centre

VANDEWIELE, inspired by expertise We imagine, build and integrate innovative textile systems for flooring qualities, home linen, fashion fabrics and technical textiles. Sharing inspiration and expertise with our customers worldwide, we shape the textile industry of the future. Creating success for them all, from yarn to finished product.





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Indian premiere of Picanol's new airjet machine

Picanol, a leading textile machinery manufacturer, will demonstrate its latest weaving technology at the third edition of ITMACH India, which will take place next month in Gandhinagar (Gujarat), the most important hub of textiles manufacturing in the country.

ITMACH India will see the Indian premiere of Picanol's brand new airjet machine, the OmniPlus-i. This machine further builds on the solid base of nearly 40 years of experience in airjet weaving, during which over 100,000 airjet machines have so far been shipped. The OmniPlus-i that will be on display at ITMACH India will be a 220 cm machine weaving a denim fabric at the highest industrial speeds.

Market of crucial importance

"India is a market that is of crucial importance to Picanol as it is one of the world's key textile markets. We are therefore very proud to be able to demonstrate our latest airjet machine, the OmniPlus-i, to our Indian customers for the very first time. The new OmniPlus-i features a redesigned reed motion, optimized relay nozzle set up, and it can be combined with SmartShed, the full electronic controlled shedding motion," commented Johan Verstraete, Vice-President Weaving Machines.

"We have been successfully serving the Indian market since 1956 and in light of the potential and expected growth of the Indian market, we decided to set up our own organization in India in early 2008. The aim behind this move was to ensure that we could more actively support our Indian customers. With the broadest product range on the market in both airjet and rapier weaving machines, improved local services and considerable presence, we remain highly committed to the Indian market and it is our ambition to further reinforce our position as the leading provider of weaving machines for the entire Indian textiles sector."

Strong presence in India

In addition to its main office in Delhi – which also includes an electronic print repair shop – the regional offices in Mumbai and Coimbatore are clear proof of Picanol's strong presence in the Indian market. In total, a team of 35 Picanol professionals in India are committed to providing outstanding service to its customers.

Complete range of weaving technology

Picanol considers that in this fastchanging world of weaving, the needs of weaving mills in general and the expectations of its customers and their operators are evolving rapidly. Nowadays, its market is driven by an increasing concern for environmental topics, higher costs, and lower availability of resources and skills, as well as the digital revolution that is affecting all industries.

Picanol has always been a pioneer in regard to offering the latest weaving technology, and it offers a wide range of weaving technology. The Picanol airjet machine portfolio comprises the new OmniPlus-i, OMNIplus Summum, TERRYplus Summum and OMNIplus 800 TC machines, which combine heritage with a clear vision of the future. Meanwhile, for versatile and productive rapier weaving, Picanol offers a broad range of weaving machines with its unique, future-oriented OptiMax-i flagship product, GTMax-i 3.0, GTMax-i, and GT-Max.





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Itema exhibits weaving innovations at ITMACH India

Itema, a leading provider of best-inclass weaving solutions, including weaving machines, OEM spare parts and integrated services, is exhibiting at ITMACH India at The Exhibition Centre in Ahmedabad, next month.

India represents one of the most interesting textiles industries in the world, featuring numerous textiles districts throughout the country and producing a wide range of woven fabrics. Over the years, the evolution of Indian weaving mills has been remarkable, due to the increasing introduction of the most modern and advanced weaving machinery and the ability to produce ever-more sophisticated fabrics, including technical textiles.

Itema is a trusted partner of many Indian weaving mills, from large textile conglomerates to smaller textile manufacturers, providing the most advanced and user-friendly weaving technology and real-time assistance, from the initial negotiation stage and throughout the whole machine life cycle.

Itema weaving innovations

From the weaving technology point of view, the Itema team will deeply illustrate to ITMACH visitors the latest novelties and advancements implemented by the company. In particular, on the airjet weft insertion side Itema launched on the

market during ITMA 2019 in Barcelona the second generation of its airjet model, the A9500-2. It is designed to sum up all the best features of its predecessors and further enhances machine performances, cost savings and textile efficiency. Main machine innovations are:

- New and optimised pneumatic platform
- Revised machine structure to increase the air tank capacity ensuring superior textile performances even at the highest speeds
- The brand-new Bi-Power stretch nozzle, designed to ensure perfect weft catching pick by pick, air consumption reduction and increased fabric quality by keeping the weft perfectly straight in the fabric
- The brand-new heald frames SKYFRAME - Itema exclusive proprietary technology

On the rapier side, Itema is nowadays leading the denim market production on rapier weaving technology thanks to the prowess of its R9500-2denim. Unique in the industry, the R9500-2denim is equipped with:

- iSAVER, which eliminates the weft and warp waste on the left-hand side of the fabric
- The denim-dedicated SK UltraLight

Weft Transfer System that, thanks to reduced dimensions and lightweight rapiers and to the TLC-Triple Layer Carbon tape, ensures maximum textile efficiency and extended components lifetime

 iBOOSTER package, designed to boost machine's performances, without compromising reliability

Itema acquisition of Schoch

ITMACH will be the first formal platform to introduce to the Indian textiles industry stakeholders the new partnership between Itema and Schoch, a leading producer of reeds and accessories for textile looms headquartered in Italy and in India, of which Itema recently acquired majority stakes.

Following to the acquisition of majority stakes in Lamiflex completed in 2017 and the recent agreement reached with PTMT (ex Panter) finalised to the establishment of Itematech – the Itema Technical Textiles Division, the agreement signed with Schoch group represents a further significant step for the synergic development of key weaving machine's accessories, as well as a remarkable reinforcement of Schoch commercial network.



A9500-2. © Itema



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Monforts adds to its technological team in Germany



Monforts is expanding the team at its Advanced Technology Center (ATC) in Mönchengladbach, Germany, with the appointment of Jonas Beisel as a new textile technologist.

Having studied textile engineering in both Germany and China and taken an internship with Adidas before deciding he wanted to work in a more technical environment, 30-year-old Jonas will be transferring his theoretical knowledge into practice for customers at the ATC and at the plants of Monforts customers around the world.

"I'm really looking forward to meeting everyone at the forthcoming ITMA show in Barcelona as I familiarise myself with the fast-moving environment of the industry," he said. "It's good timing for me that ITMA, which only takes place every four years, is happening now, so soon after my appointment."

"The Monforts ATC has been extremely busy conducting customer trials and developing new processes recently, so it's great to welcome Jonas to the technologists' team," added Monforts Vice President Klaus Heinrichs.

'Denimized' customers take the lead in London

Of the twelve participating denim mills who took part in Habitat 21 – a special Smart Creation showcase at the recent

Denim Première Vision exhibition in London – no less than eleven were valued Monforts 'Denimized' finishing technology users.

The aim of Habitat 21 was to highlight those companies taking an eco-responsible approach to denim manufacturing



via the use of recycled, organic and bio-based fibres, in combination with resource-saving dyeing and finishing technologies.

Monforts customers involved in the project were Advance Denim, Berto, Bossa, Calik, Evlox/Tavex, Kilim, Naveena, Orta Anadalou, Rajby Industries, Raymond Uco and Soorty.

Their innovations were detailed in a major presentation on trends for the Spring/Summer 2021 season by Manon Mangin of the Première Vision Fashion Team, based on three key themes – Sensation, Hybridisation and Expansion.

Water savings

There was plenty of sustainable innovation on show from Turkey, with Bossa, for example, unveiling the latest creations from its ongoing Reset programme – first introduced in 2006 and constantly evolving its eco-friendly options – and Calik exhibiting a denim collection made with its D-clear process, via which water is reduced by 40% in indigo dyeing and by 83% in the subsequent finishing.

Kilim is meanwhile intending to reduce water by 93% as a result of its current Cactus project, which will have a





Dilo Group Im Hohenend 11 69412 EBERBACH

Phone: +49 / (0) 62 71 / 9 40-0 Fax: +49 / (0) 62 71 / 7 11 42 E-mail: info@dilo.de significant impact on the footprint of the 12 million metres of denim it makes annually, and in addition to resourcesaving processes, Orta Anadalou is committing to complete traceability, with each of its garments now labelled with a unique QR code.

Hemp

Among innovations from Pakistan's leading mills, Naveena made a splash with the introduction of its 'cottonised' hemp denim, developed in a collaboration with Kingdom Holdings — one of the largest manufacturers of hemp in China — in order to reduce the company's reliance on cotton.

There are many challenges involved in working with hemp, Naveena says, but vertically-integrated spinning operations have enabled it to create blended yarns of cotton, hemp and Tencel containing only 49% cotton.

Both Rajby Industries and Soorty have now achieved Cradle to Cradle Gold certification for denim fabrics in their collections, as a globally recognised measure of safer, more sustainable products made for the circular economy. To receive this certification, products are assessed for environmental and social performance across five critical sustainability categories - material health, material reuse, renewable energy and carbon management, water stewardship, and social fairness. The standard encourages continuous improvement over time by awarding certification on the basis of ascending levels of achievement and requiring certification renewal every two years.

Aniline free

Advance Denim has meanwhile become the first denim mill in China to launch a collection made with aniline-free indigo. As a result of its toxicity, analine is now starting to feature on the restricted substance lists (RSL) of some of the major clothing brands and retailers.

During traditional indigo dyeing process, some aniline stays locked into the indigo pigment and is difficult to wash off the fabric, while the remainder is discharged with the wastewater. The new process being employed by Advance Denim is based on an aniline-free

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indigo formulation from Switzerland's Archroma.

Italy's Berto also introduced pre-reduced indigo dyeing in an expanded range of denims based on GOTS-certified fabrics made with organic cotton and regenerated yarns.

"Our latest collection was inspired by young people – the Z Generation that is free spirited but at the same time involved in the fight against climate change," said Berto's marketing manager Francesco Polato. "We are seeking to meet their needs with an extroverted collection characterised by special colours and looks, but always with a 360-degree attention to sustainability."

To complete the Smart Creation showcase, India's Raymond Uco introduced a coloured denim range comprising fabrics that are both yarn dyed and made from sustainable dyestuffs, to significantly reduce the use of chemicals, while Evlox/Tavex announced plans to introduce post-consumer recycled denim to its collections, with complete traceability of all the materials used.

Denim Première Vision took place at the Printworks in London on December 2nd and 3rd. The next edition will be held in Milan in June 2020.

9th December 2019, Mezzolombardo, Italy

Karl Mayer opens new denim R&D centre

On 14 and 15 November 2019, Karl Mayer Rotal expanded its denim centre of excellence with an in-house show for its customers, whilst celebrating its 50th anniversary. There is now a brandnew competence centre featuring a GREENDYE pilot installation, academy, show room and meeting rooms in an area covering 500 square metres. The expansion offers customers new opportunities to make their production more efficient and sustainable, as demonstrated by an event programme that included a factory tour, machinery show and specialist presentations. 34 representatives Around international customers accepted the invitation to Mezzolombardo. According to Karl Mayer, guests were particularly impressed by the 13-metre-long pilot installation. The equipment is used to simulate the environmentally friendly and efficient nitrogen dyeing technology in real-life conditions on a scale of 1:10. In addition, the company says, Karl Mayer Rotal stands out thanks to its comprehensive service. "The customers can come to us with their yarn. We dye and warp it, and working with our Italian partners, we then turn it into woven fabrics that are comparable with previous products. Many guests were I was even able to discuss some specific projects," said Stefano Agazzi, Chief of Technology and Products, when summarizing the events success.



Front, from left to right: Roland Kohn, President of the BU Warp Preparation, CEO Arno Gärtner and Enzo Paoli, Managing Director at Karl Mayer Rotal, open the new competence centre for denim customers. © Karl Mayer.



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Mahlo will present the Qualiscan QMS quality measurement system. © Selcuk Iplik

Mahlo's quality measurement system at SINCE 2019

Mahlo, a leading manufacturer of measuring, control and automation systems, will present the latest developments in the field of quality measurement on running webs at SINCE, Asia's largest trade fair for nonwovens, which takes place from 11-13 December 2019.

"Nonwovens production is also becoming increasingly important in China and throughout Asia," said Mahlo's China representative Frank Fei. "We want to support the manufacturers in optimizing their production processes and thus also the end product."

Together with his colleagues, Mr Fei will present the product range of the German mechanical engineering company. The focus is on the Qualiscan QMS quality measurement system. The modular system, which also comprises sensors and measuring frames, measures, records and controls critical parameters such as basis weight, moisture content or layer thickness over the entire fabric width.

Depending on the application and task, different measuring methods are used. The choice includes near-infrared measurement, white light interference or X-ray and beta radiation. Thanks to this broad portfolio, Mahlo offers tailor-made solutions for almost all requirements, the manufacturer reports.

For Mr Fei, the advantages of quality control are obvious: "If critical parameters are systematically controlled and regulated, this results in a higher fabric quality." This means fewer rejects and less consumption of raw materials. This is designed to not only save time but also money for the customers.

Mahlo belongs to the leading manufacturers of measuring, control and automation systems for the textile and finishing industry, as well as the coating, film and paper sector. Mahlo is located in Saal on the Danube in lower Bavaria but operates worldwide, with five branch offices in Italy, Belgium, Spain, China and the US serving as support stations for the key markets.

Baldwin announces two TexCoat G4 installations in Turkey

Baldwin Technology, a leading manufacturer of innovative process-automation equipment, parts, service and consumables for the printing, packaging, textile, plastic film extrusion and corrugated industries, has announced two successful TexCoat G4 installations in Bursa, Turkey.

Major upholstery manufacturers Adoksan and Boyteks invested in this innovative non-contact precision application system for textile finishing because it offers increased productivity, sustainability and efficiency.

For Adoksan and Boyteks, the TexCoat G4 eliminates a step in the finishing process, enabling considerably increased production efficiency. Because this precision application technology applies the exact amount of chemistry required, the wet pick-up level and water consumption can be reduced by up to 50%, resulting in up to 50% less energy for drying, according to the manufacturer. This is said to translate to a more sustainable, cost-efficient process, and a faster line speed for these upholstery producers. Moreover, in fabric or chemistry changeovers, 100% of the chemistry is recycled with zero waste, the company reports.

"Our new finishing system offers quality results and other advantages, supporting our partners in achieving great ROI along with sustainable production," said Eric Norling, Vice President, Precision Application Technology for Baldwin. "These two TexCoat G4 orders are of significant importance for Baldwin, and we are excited about both installations." The TexCoat G4 was introduced during ITMA in June 2019. Spot, under the leadership of Cengiz Kahraman, has been representing Baldwin's precision application technology product line for the textile market in Turkey since 2016.









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TESTEX teams up with NICCA Chemicals Japan for its seminar "Sustainability of Green Chemicals for Textile Processing" in Indonesia

This year's seminar saw almost 100 participants come together from 39 companies in the Bandung and Jakarta areas to focus on wastewater pollution, which is an issue for the local textile industry due to wet processing and the amount of chemicals used during the production process. The Citarum river is particularly affected, which prompted the government to introduce a river cleansing programme called the "Citarum Harum".

NICCA Chemicals Japan, a ZDHC Contributor who has several facilities in Indonesia, gave a presentation on the company's "Smart Dyeing Process". The speaker Mr. Narihisa Takeuchi explained that using environmentally friendly chemicals makes processing more effective: less water is used which has a positive impact on the quality and quantity of waste produced. Further benefits include savings in time, energy and total cost. TESTEX's Chief Marketing Officer Marc Sidler explained how ECO PASSPORT by OEKO-TEX® certification can help to achieve this goal. It is an independent tool to test chemicals to promote green chemistry and offers a comprehensive platform to analyze compliance with MSRLs and RSLs. ECO PASSPORT is recognised by ZDHC conformance levels 1 and 3.

Mr. Sidler later presented the rest of the OEKO-TEX® portfolio, including a live demonstration of how traceability works with the MADE IN GREEN by



OEKO-TEX® label and the buying guide which helps manufacturers find pre-certified textiles. The participants gave a very positive response to this part of the presentation. STeP by OEKO-TEX®, which provides a comprehensive analysis and assessment of production conditions in terms of the environmental performance and social responsibility, is also very relevant as a tool to improve wastewater discharge as it has now integrated DETOX TO ZERO by OEKOTEX®. This is an evaluation of wastewater and sludge to eliminate the release of toxic chemicals according to Greenpeace's priority list.

A government representative from the Head of Rehabilitation and Prevention of Environmental Pollution (DLHK) in Bandung also took to the stage to emphasise the importance of the "Supervision and Law Enforcement





of Business Actors in Bandung". This regulation ensures that companies who violate rules relating to environmental management are sanctioned. However, the office also offers guidance to production facilities who have not yet met the requirements for the disposal of waste to watershed.

Overall, the aim of the seminar was to provide a better understanding of how environmental performance can be improved by having more control over the production process, and to encourage the textile industry to take more responsibility for the effects of textile production, in particular along the Citarum River.





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TESTEX interviews HUAFANG CO., LTD. on the importance of STeP by OEKO-TEX® and being the first hemp producer to have the MADE IN GREEN by OEKO-TEX® label.





"As the leading dyeing and printing enterprise in China, Huafang has a responsibility to provide safe, green and environmentally friendly textile products to consumers, and an obligation to ensure the sustainability and safety of the environment." says Huafang Chairman Mr. Limin Wang.

What is your philosophy and strategy for sustainable production?

The textile industry is China's traditional pillar industry, an important civil production industry that creates new advantages in internationalization. It is also an innovation-driven technology industry, a culture-led fashion industry and a responsible-oriented green industry. As a key link of the textile industry, the printing and dyeing industry plays an important supporting role in promoting the sustainable development of the textile industry.

The technology and transformation's upgrading of the printing and dyeing industry have positively promoted the development of the textile industry.

What are your reasons for becoming STeP certified?

For the company to continue to implement environmentally friendly production processes and continuously optimize the health, safety and socially recognized working environment, improve its environmental effectiveness, social responsibility and its production efficiency, and to be able to be in the most competitive position in the domestic and international markets.

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

With the help of the modular evaluation framework of STeP certification, we conduct a comprehensive analysis and evaluation from multiple perspectives. In a transparent and credible way, we show buyers and consumers the status of sustainable performance of our products in the production process, which ensures that our company meets the requirements of global brand operators and retailers for their sustainability, environmental and social responsibility.

What are the next steps for your sustainable production journey in terms of the 6 STeP modules?

- Chemicals Management: Meeting the criteria for the restricted substances list and using "green" chemicals; Regular training and education on chemical treatment and usage and its risk management; The use of MCCS.
- Environmental Performance: Adopt the best and effective production technology; Optimize the production process; Efficient utilization of resources; Reduce carbon footprint.
- Environmental Management: Committment to achieving the environmental goals set by the company; Conduct regular training on environmental objectives and related measures.
- Social Responsibility: Implement performance appraisal for employees and existing social standards; Ensure employees are trained on social issues.
- Occupational Health and Safety: Take appropriate further measures to ensure the health and safety of employees in

the workplace; Enhance risk prevention, regular training and education; Implementation of new safety standards.

- Management: Ouality Develop appropriate quality management system and ensure its implementation; Ensure the traceability of logistics and company products and the corresponding documents; Regular quality system training and education; Adopt advanced management mode. Please cite some examples on the best practices being adopted in your facilities for better chemical management.
- Refine procurement standards and develop procurement guidelines for chemicals that meet the list of restricted substances.
- Strictly control the quality of chemicals, require suppliers to provide third-party testing reports, and conduct random inspections every year, and send samples to third parties (ITS, MTS, VB, etc.) for testing to ensure the quality and stability of purchased chemicals.
- Establish a chemical application management system to form a standardized process for controlled chemical substances with a specially assigned person responsible for ensuring implementation.
- Regular (monthly) training and education on the transportation, storage, using and handling of chemicals.
- Training and education on the use of chemicals and their risk management, generally on a monthly basis.
- Establish a quality supervision system to monitor the standard use of chemicals throughout the process to ensure that product quality meets the requirements of the restricted substances list.

Does the management team see the positive changes after implementing the STeP system in your facilities in terms of people, management, productivity, product quality, environmental impact and brand image?

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As the leading manufacturer in China, our company has greatly improved production efficiency and sustainable development with STeP certification. It allows us to make written sustainable production commitments to end consumers, to enhance the overall image when exploring new markets and supply relationships and offers a comprehensive analysis and assessment of our sustainable production conditions.

How does STeP and the MADE IN GREEN by OEKO-TEX® label help you in communicating your success in sustainable production with your stakeholders?

Many of our partners rely on OEKO-TEX® certification, including customers who have incorporated their certificates and MADE IN GREEN labels into their product packaging. Clothing and home textile products have changed from life necessities to quality and cultural consumption. More and more consumers begin to pay attention to the safety and sustainability of textiles. The MADE IN GREEN label is synonymous with green ecotextiles, indicating that products have been tested for harmful substances and are produced in a sustainable, environmentally friendly and socially responsible manner. Today, an increasing number of consumers will choose traceable products with the MADE IN GREEN label. As a leading enterprise in the industry with a sense of social responsibility, Huafang has the responsibility to meet the requirements of consumers.

(Products qualify for the MADE IN GREEN by OEKO-TEX® label if they have been produced in STeP by OEKO-TEX® certified facilities and have been tested for harmful substances through the STANDARD 100 or LEATHER STANDARD by OEKO-TEX® certification process).

Why is being the first hemp producer to have the MADE IN GREEN by OEKO-TEX® label important for you?

We have a large number of mature customers in Europe and America who have a deep understanding and demand for Hemp products, and the Japanese market has a high acceptance of new fibers and functional fibers.

Furthermore, due to the humid and sultry climate, southeast Asia is very suitable for the application of hemp products. Hemp is a renewable biomass resource which is in line with the trend of China's development towards a low-carbon economy, and plays an important role in the adjustment of the industrial structure of China's textile industry. We are optimistic about Hemp products with the MADE IN GREEN label and believe it will help us open up new markets.

How do you comment on your experience working with TESTEX to obtain OEKO-TEX® certification?

From 2007, Huafang began to apply for OEKO-TEX® series certificates. TESTEX's Beijing office always gives us full support and professional advice, assisting us in making progress on the road towards green manufacturing and sustainable development.

Statement by TESTEX STeP Auditor Richard Li:

"Huafang Company Limited fulfils all the legal requirements and the requirements of six modules according to STeP by OEKO-TEX®, which shows that their sustainable production condition is very good. During the compliance audit, the company had improved its performance a lot, especially in the performance, environmental social quality responsibility, and safety modules. Now Huafang has upgraded its STeP certificate from level 2 to level 3, which is the highest level of STeP by OEKO-TEX®."







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TANATEX launches bio-based microencapsulation for cosmeto textiles with TANA® CARE Bio

29 November, Ede-TANATEX Chemicals introduces bio-based & biodegradable micro-encapsulating technology in the TANA®CARE Bio range. The product TANA®CARE Bio-Slim is the first in this brand new range of Cosmeto Finishes, delivering improved skin conditions and proven slimming effect.

TANATEX has already been successful

ADDING PASSION TO TEXTILES.

with the multilayer micelles in the TASTEX® range, and the PUmicrocapsules in the BAYSCENT® and TANA®CARE ranges. Their experts now have started a range with microcapsules built from natural polysaccharides (sugars) and polypeptides (proteins). Not only the wall composition is different, but the mechanism of release as well. Instead of the classical release mechanism of mechanical pressure followed by bursting, these new microcapsules are gradually releasing the active ingredients, triggered through enzymatic breakdown (enzymes on the

skin will biodegrade the capsule walls, releasing the active ingredients slowly). The wash durability of this technology is around 20 home launderings.

The first product to be launched in this new TANA®CARE Bio range is the TANA®CARE Bio-Slim. The slimming effect is performed by using a complex and synergetic blend of cosmetic ingredients, which have lipolytic activity (working on the fat) and venotonic action (activating the micro-circulation), on top they are enhancing skin elasticity, resilience and tightness. The scientific in-vitro and in-vivo testing at an external laboratory showed significant improvement after 15 and 30 days wearing a treated product.

About TANATEX Chemicals

TANATEX Chemicals breaks new ground with ultramodern textile processing solutions, ranging from pre-treatment to finishing. Through a global network

of offices, agencies and distributors, we support our customers worldwide with advanced top quality wet processing products and a high level of technical and tailormade service. For 60 years we have proven to be a trustworthy and innovative associate. Since 2016 we are partner of Transfar Chemicals.

Our cutting-edge products are based on the latest trends and demands in today's (technical) textiles and carpet processing industry. We do not sell mere products; we offer fit-for-purpose solutions. With an eco-friendly way of thinking, TANATEX experts are the ones to watch. If you'd like more information about this topic, please contact us at info@ tanatexchemicals.com or visit us at www. tanatexchemicals.com.





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Huntsman Textile Effects

Mrs. Marilyn Chua

Singapore – Huntsman Textile Effects today confirmed that it has joined the ZDHC Roadmap to Zero Programme as a Contributor. This adds a new dimension to Huntsman's long-standing efforts to promote sustainable chemistry and best practice in the textile and footwear industries and help lead the sector's shift to a cleaner and more transparent global supply chain.

Huntsman Textile Effects is proud to be joining over 25 leading brands working together to drive industry-wide change in responsible chemicals management and commits to working on this task in a collaborative and open manner.

As a ZDHC Contributor, Huntsman Textile Effects has uploaded detailed safety and sustainability information of its key products onto the ZDHC Gateway Chemical Module. This will support brands and mills in selecting products and practices to make their supply chains more sustainable. Huntsman Textile Effects will also continue to work to help brands improve their competitiveness while protecting consumers, workers and the environment.

The addition of industry-leader Huntsman Textile Effects to the ZDHC Contributor base represents a significant strengthening of ZDHC as a robust, broad-based solution with the potential to harmonize the industry's approach to sustainable chemistry and the elimination of hazardous chemicals.

"Huntsman Textile Effects firmly believes that collective action is the best way forward for our industry and that working with ZDHC will help us further accelerate the shift to a cleaner and more transparent supply chain," said Rohit Aggarwal, President, Huntsman Textile Effects. "As one of the world's leading suppliers of sustainable textile dyes, inks and chemicals, we have seen time and time again that brands and mills that embrace sustainability can also boost their productivity and competitiveness

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and reduce costs. Our approach has always been to marry environmental and economic sustainability for a stronger, cleaner and more viable textile sector." Huntsman Textile Effects has been a leader in promoting sustainability through continuous innovation and industry collaboration for many years. It champions an inclusive and holistic approach that ensures compliance to industry regulation and standards and considers the impact of the textile value chain on the ecosystem, economy and society at large.

About Huntsman:

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

About Huntsman Textile Effects:

Huntsman Textile Effects is the leading global provider of high quality dyes, chemicals and digital inks to the textile and related industries. With operations in more than 90 countries and seven primary manufacturing facilities in six countries (Chi na, Germany, India, Indonesia, Mexico and Thailand), Huntsman Textile Effects is uniquely positioned to provide prompt and expert technical service wherever our customers are based. Sustainability, innovation and collaboration are at the heart of what we do. We use cutting edge technology to develop solutions and create innovative products with intelligent effects such as durable water repellents, color fastness, sun protection or state-of-theart dyes which reduce water and energy consumption.

Forward-Looking Statements

Statements in this release that are not historical are forward-looking statements. These statements are based on management's current beliefs and expectations. The forward-looking statements in this release are subject to uncertainty and changes in circumstances and involve risks and uncertainties that may affect the company's operations, markets, products, services, prices and other factors as discussed in the Huntsman companies' filings with the U.S. Securities and Exchange Commission. Significant risks and uncertainties may relate to, but are not limited to, financial, economic, competitive, environmental, political, legal, regulatory and technological factors. The company assumes no obligation to provide revisions to any forward-looking statements should circumstances change, except as otherwise required by applicable laws.

ECO-FRIENDLY DYEING AUXILIARY SAVES TIME, WATER AND ENERGY BY ENABLING PRE-SCOURING, DYEING AND REDUCTION CLEARING IN A SINGLE -BATH

Singapore – Huntsman Textile Effects introduces the breakthrough ERIOPON® E3-SAVE dyeing auxiliary for the new "single-bath scour-dye-reduction clear concept" providing the shortest possible processing cycle for polyester thus saving time, water, energy and cost.

The demand for polyester and manmade fibers is booming as sports and athleisure apparel markets expand rapidly around the world. At the same time, brands, consumers and mills are increasingly focused on sustainability and performance resulting in raising demand for optimization of the costly, time consuming and resource intensive polyester dyeing process.

Developed by Huntsman Textile Effects specifically to meet these challenges, the advanced all-in-one ERIOPON® E3-SAVE dyeing auxiliary is engineered to help the mills achieve considerable savings in the water, energy and time for the intensive process of dyeing polyester and its blends by combining pre-



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Tel.: (+49 2166) 6 07-0 E-Mail: info@truetzschler.de http://www.truetzschler.com scouring, dyeing and reduction clearing in a single bath.

"ERIOPON® E3-SAVE dyeing auxiliary delivers in all critical stages of polyester dyeing from pre-scouring to washingoff for exceptional performance and environmental and economic sustainability. Its environment credentials offer mills greater processing flexibility and an optimum priceperformance ratio," said Oliver Gerlach, Global Marketing Manager for Process Chemicals at Huntsman Textile Effects. "We expect this latest offering to support the textile industry's drive towards more ecofriendly practices."

With cutting-edge polymer technology at its heart, ERIOPON® E3-SAVE auxiliary can be used to successfully dye in jet applications without the need for antifoaming products. The superior leveling of ERIOPON® E3-SAVE auxiliary also increases reproducibility, allowing mills to dispense with additional leveling agents.

Polyester, microfibers and blends treated with ERIOPON® E3-SAVE auxiliary comply with the requirements of bluesign®, Level 3 of the Zero Discharge of Hazardous Chemicals Gateway (ZDHC) and the Restricted Substances Lists of international brands, in addition to being suitable for processing of textiles in compliance with STANDARD 100 by OEKO-TEX® and the Global Organic Textile Standard (GOTS).

ERIOPON® E3-SAVE auxiliary is an addition to the dyEvolutionTM range – Huntsman's commitment to an environmentally and economically sustainable textile value chain through its range of high-performance products

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Archroma announces CEO transition

Reinach, Switzerland - 10/12/2019

Archroma, a global leader in color and specialty chemicals towards sustainable solutions, today announced its transition plan for the function of Chief Executive Officer. The Board of Directors of Archroma has appointed Heike van de Kerkhof to succeed current CEO Alexander Wessels effective January 6, 2020. Mr. Wessels has held the CEO position at Archroma since the Company was established in October 2013 and will be appointed as Vice Chairman of the Company's Board of Directors. He will also take on a Senior Advisory role within SK Capital working across its portfolio of investments, which includes Archroma. Alexander Wessels

commented, "I feel privileged to have been given the opportunity to work with SK Capital and the Archroma team over the past six and a half years, which has really been an incredible journey. We are coming off another record year in terms of profitability and the business is uniquely positioned to capitalize on its significant momentum moving forward. For me personally, this is the ideal moment to take on my next challenge and in Heike we have found the ideal person to pass the baton to. We look forward to a seamless transition and I am excited to continue to support the Company as a member of the Board of Directors."

Barry Siadat, Co-Founder and Managing Director at SK Capital commented, "I would personally like to thank Xander for his leadership in the successful transformation of Archroma into a market leader in innovative and sustainable products and services and welcome him to a broader leadership role at SK Capital. We are excited to welcome Heike, a rare talent, to Archroma and SK Capital. We believe she is the ideal person to lead the next chapter of the Company's history."

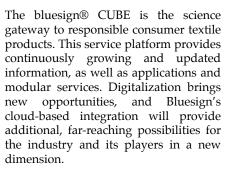
Ms. van de Kerkhof joins Archroma from Castrol, the leading branded lubricant division of BP plc where she held the role of Vice President, Western Hemisphere, and was responsible for a business generating USD 2+ billion in annual revenues and having approximately 2,000 employees. Prior to BP, she held a variety of business leadership, commercial and operations roles at DuPont and The Chemours Company in a career spanning almost thirty years. She also served as a Non-Executive Director at Neste Oil.

"I have a true passion for innovation and sustainability, and I am thrilled to join Archroma as its next CEO," Heike van de Kerkhof commented. "The Company has established itself as a leader in sustainable chemistry based on its strong technology-driven product portfolio with a solid foundation to further build upon. I believe Archroma is uniquely positioned to support its customers' manufacturing processes in a cost effective and sustainable manner. The investments made into research and technology during the first stage of SK Capital's ownership have positioned Archroma to reach new levels of growth and success."

bluesign® CUBE

Responsible textile business in the 3rd dimension

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The cloud computing solution is designed to interlink verified data in a systemic way in order to create qualified information for efficient enterprise decisions with reduced risks. Data of over 25,000 chemical product risk assessments combined with over 2,000 company site assessments result in hundreds of thousands of materials that are compliant to the bluesign® CRITERIA and the basis of thousands of bluesign® PRODUCTS.

Independent third party

The information based on verified data facilitates effective collaboration, simplifies responsible sourcing and is the basis for a responsible business. You will be supported by shared knowledge and expertise from Bluesign. Approved inputs will lead to safe products with reduced environmental impacts. Moreover, the verification of chemicals, materials and products by an independent third party add value to your products. Transparency is given by full risk-based traceability at the product level. Your dashboard allows you to know your supply chain, monitor activities and take responsible actions for continuous improvement of supply chains and products.

Secure business decisions

The bluesign® CUBE is your tool to manage risks, assure compliance, reduce costs. The bluesign® CUBE enables effective communication and reassurance that things are done the right way the first time. The use of best available technologies and the implementation of best practices keeps you abreast of current and future requirements. Information secures business decisions and investments and drives your Digitalization responsible business. accelerates responsible business. Access from all over the world and at any time to our applications paired with absolute data security makes this one-stop service platform a preferred tool by responsible textile businesses.

DyStar exhibits new



developments at Performance Days

DyStar, a leading specialty chemical company with a heritage of more than a century in product development and innovation, is inviting visitors to meet the company at this week's Performance Days trade fair, which takes place in Munich from 13-14 November.

"This is our second time at the event, and we are elated to have five of our new developments chosen by the Jury of Performance Forum to be displayed on the Wall Special. Learn and find out how DyStar's products can help you shape a more sustainable manufacturing journey with us," commented Bernhard Knoche, Global Head of Brand & Retailer Management.

Manufacturers, brands and retailers will see benefits from the five winning concepts featured on the Wall Special, namely DyStar Cadira Reactive, Dycon HF on Tenowa 1, Dycon HF on Tenowa 12, Dycon HF on Texlene, Dycon HF on Ceramica Green.

DyStar's Cadira Reactive is a resourcesaving module, which was first launched in 2016. The Cadira concept supports in reduction of water, waste, and energy consumption. And as another sustainable solution offering the Dycon HF series, being the most cost efficient and resource saving continuous process for cellulosics and blends with PES, PA and PU fibres, the company reports. The two-day trade fair for the functional fabrics industry highlights a wide range of solutions for manufacturers, brands and retailers globally. "At DyStar's booth, we welcome you to discuss opportunities for collaborations that will help to make the industry cleaner," the manufacturer concludes.

Today, DyStar operates with more than 2200 employees spanning across 50 countries and with 17 production sites, supporting customers from diverse sectors and supply chains with reliable products and solutions.

Huntsman introduces cost-saving Eriopon E3-Save

Huntsman Textile Effects introduces its new Eriopon E3-Save dyeing auxiliary for the new "single-bath scour-dyereduction clear concept" providing the shortest possible processing cycle for polyester thus saving time, water, energy and cost.

The demand for polyester and manmade fibres is booming as sports and athleisure apparel markets expand rapidly around the world. At the same time, brands, consumers and mills are increasingly focused on sustainability and performance resulting in raising demand for optimization of the costly, time consuming and resource intensive polyester dyeing process.

Developed by Huntsman Textile Effects specifically to meet these challenges, the advanced all-in-one Eriopon E3-Save dyeing auxiliary is engineered to help the mills achieve considerable savings in the water, energy and time for the intensive process of dyeing polyester and its blends by combining pre-scouring, dyeing and reduction clearing in a single bath.

"Eriopon E3-Save dyeing auxiliary delivers in all critical stages of polyester dyeing from pre-scouring to washing-off for exceptional performance and environmental and economic sustainability. Its environmental



credentials offer mills greater processing flexibility and an optimum price-performance ratio," said Oliver Gerlach, Global Marketing Manager for Process Chemicals at Huntsman Textile Effects. "We expect this latest offering to support the textile industry's drive towards more eco-friendly practices."

The Eriopon E3-Save auxiliary can be used to successfully dye in jet applications without the need for antifoaming products. The superior levelling of Eriopon E3-Save auxiliary is also said to increase reproducibility, allowing mills to dispense with additional levelling agents, according to the manufacturer.

Polyester, microfibers and blends treated with Eriopon E3-Save auxiliary comply with the requirements of bluesign, Level 3 of the Zero Discharge of Hazardous Chemicals Gateway (ZDHC) and the Restricted Substances Lists of international brands, in addition to being suitable for processing of textiles in compliance with Standard 100 by Oeko-Tex and the Global Organic Textile Standard (GOTS).

Eriopon E3-Save auxiliary is an addition to the dyEvolution range – Huntsman's commitment to an environmentally and economically sustainable textile value chain through its range of high-performance products.

DuPont Advanced Printing launches new pigment inks

DuPont will showcase its new DuPont Artistri P2700 pigment ink designed for roll-to-roll printing. © DuPont Advanced Printing DuPont Advanced Printing will be displaying its newest ink offerings for the growing digital textile market segment at Printing United from 23-25 October at the Kay Bailey Hutchison

Convention Center in Dallas, TX.

The company will be displaying its newest ink offerings for the growing digital textile market segment at Printing United 2019. At the show, DuPont will showcase its new DuPont Artistri P2700 pigment ink designed for roll-to-roll printing. Artistri P2700 is a medium viscosity ink that is designed to deliver excellent colour saturation, soft hand feel and unmatched wet and dry crock fastness.

For Direct-to-Garment (DTG) printers, DuPont is highlighting innovative pretreatment technology, which enables stain-free printing and superior hand feel on cotton/polyester blends. "And with new choices of gamut expanding colours, as wells as its new Color Series E, F and G pigment ink offerings for DTG printing, DuPont continues to offer the most complete and highest performance DTG ink," the company reports.

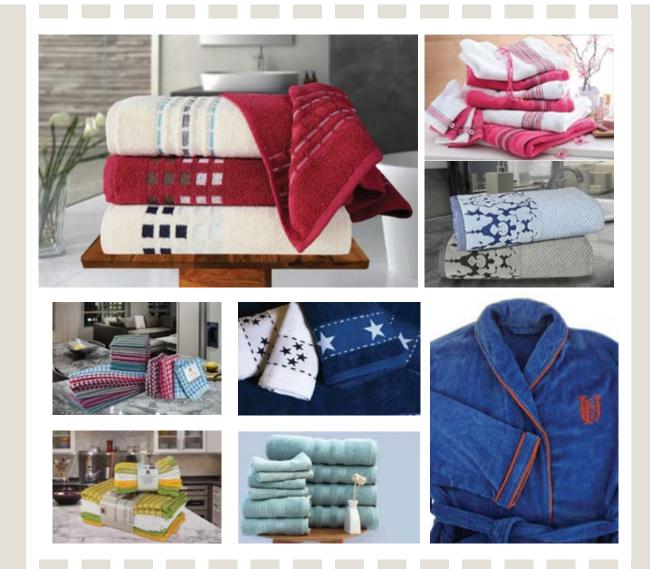
For more than 35 years, DuPont Advanced Printing has delivered bright colours via its Artistri digital inks, to textile customers. Artistri digital inks combine DuPont proprietary dispersions, polymers and ink formulations resulting in brighter, more robust digital inks for digital printing. Artistri®inks are designed to provide colour consistency across production runs and over time. From DTG to Roll-to-Roll (RTR) application DuPont is known for developing the bright, rich colours with high durability.





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