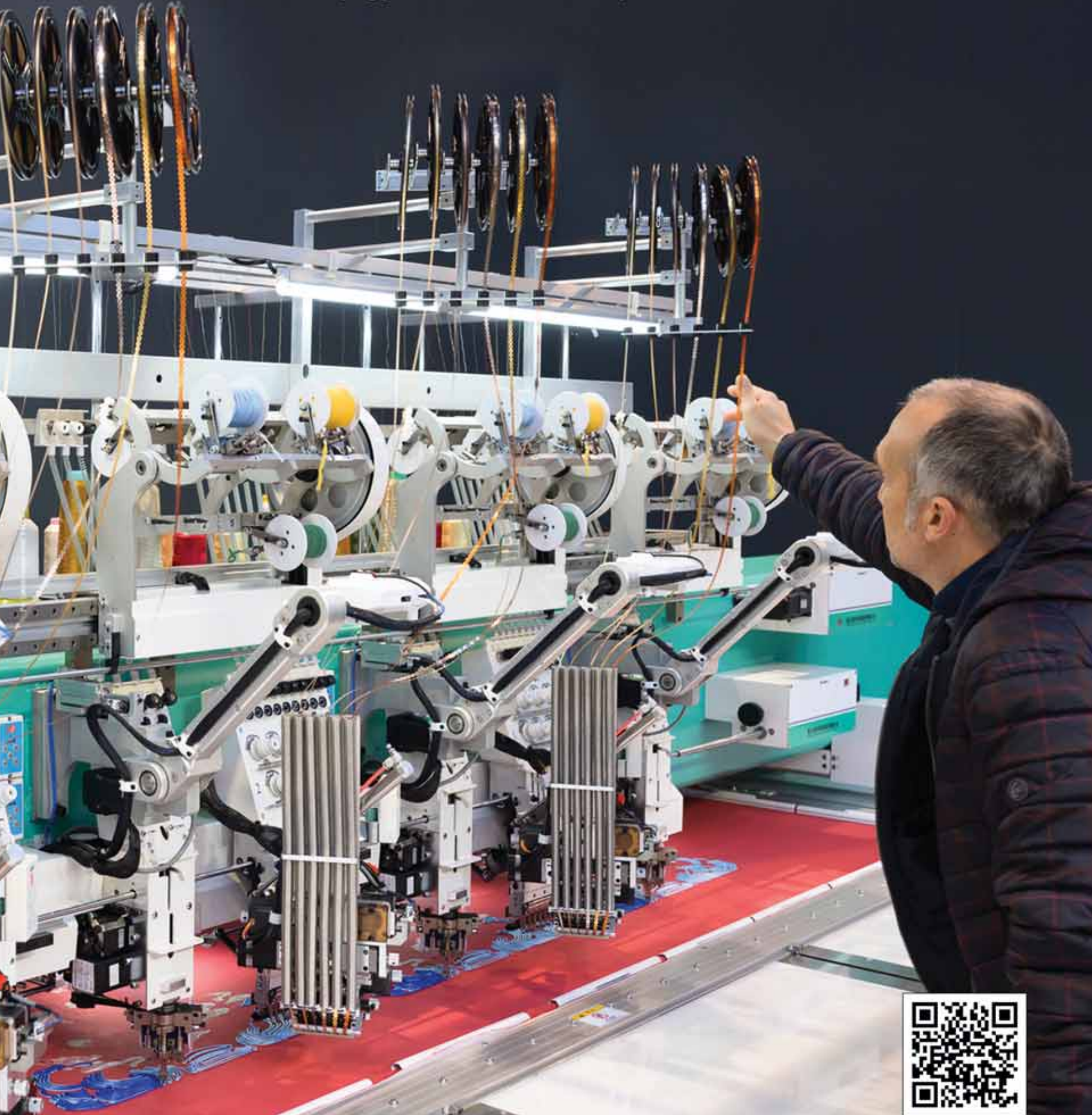


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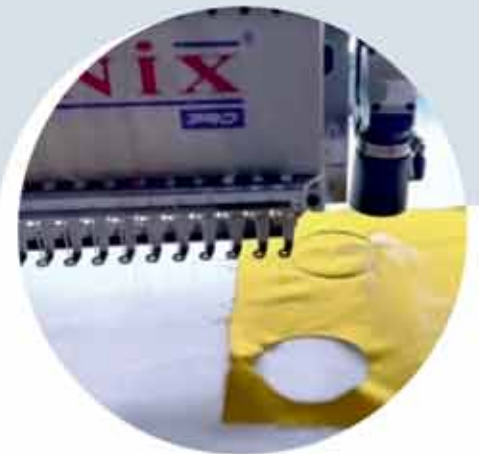
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from the editor...

Apparel exports are expected to see a muted recovery with around 8-9 per cent growth in revenues in FY 2025 after a nominal decline in revenues in FY2024. The revival is expected owing to the demand for stock replenishment in the US and the EU regions. The retail apparel brands in the US and EU, together account for close to 55 per cent of global apparel trade and are expected to liquidate high inventory build-up and book their orders for the summer 2024 season in H1 FY2025, according to recent report by ICRA.

A difficult operating environment had pushed back large capex investments for most players. However, based on an expectation of demand revival in FY2025 and the industry players strategies to take advantage of the China Plus One movement, it expects a pick-up in capex spending in FY2025.

According to Texprocil the export of cotton textiles for the year 2023-2024 have reached \$11,683 mn, growing by approx. 6.7% over the previous year. This accomplishment underscores the resilience, determination, and collective efforts of all the exporters who inspite of strong headwinds like geostrategic challenges on account of Russia- Ukraine conflict, Red Sea crisis and high raw material costs and fluctuating demand have achieved positive growth.

The proactive support of the government in terms of continuing with RoDTEP & RoSCTL Scheme and timely disbursal of export benefits have also helped the cotton textile industry to remain competitive.

Even though the cotton textile industry has shown positive export growth this year, there are still a few challenges that need to be addressed at the government level. Some of these include availability of raw materials at international prices; high interest cost; preferential access to key markets.

However with a new Government assuming office after the General Elections, Industry is confident that these issues will get addressed. The industry is also eagerly looking forward to the early signing of the Indo- UK and India – EU FTA after the elections, which will further boost exports in the new fiscal year 2024-2025.

Further, the PM Mega Integrated Textile Region and Apparel (MITRA) scheme will strengthen India’s presence in the global apparel trade, by providing scale benefits and strengthening the country’s presence in the MMF supply chain.


Arvind Kumar, Editor & Publisher

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Philippines garment exporters call for construction of textile mills



A trade association of garment exporters is urging the government to facilitate the construction of new textile factories in the country, in anticipation of an increase in the demand for these goods once the Philippines enter into a free trade agreement (FTA) with the European Union (EU).

Robert Young, President of the Foreign Buyers Association of the Philippines (FOBAP), said that they have been requesting the government to build a pilot commercial-scale wearable textile factory. "Just one will be enough, we have to quickly start something so that these foreign investors will follow suit," Young said in a statement. "Garments, once it's there, can be a lifesaver to any economy just like in Bangladesh and Vietnam, India, Laos, (and) Cambodia," added Young, who is also the trustee for the textile, yarn and fabric sector at the Philippine Exporters Confederation Inc. (Philexport). Young, who is the head of the group which exports around \$1 bn worth of garments and apparels overseas, also said that Philippine garment exports are currently subjected to a 12 percent tariff or even more.

He said that this is due to the strict rules of origin, which imposes a ceiling for value-added inputs sourced from a country which is not a beneficiary under the EU's Generalized Scheme of Preferences (GSP) scheme. "They (EU) prefer that the fabric we will be using will be sourced from the Philippines. So, this is one way of saying the Philippines has to produce its own fabric," he said.

Further, the FOBAP official said that building a pilot factory in the Philippines so the country can produce its own fabric or textile is necessary given expectations that the revival of negotiations for an FTA with the EU will also prescribe the same requirements. He said that with EU's enforcement of these strict rules, industry players are expected to hit just 80 percent of their target garment and apparel exports of at least \$1 billion this year. Aside from the suggestion of building a pilot commercial-scale wearable textile factory, Young said that they have also asked the government to make a formal request to the EU to allow the Philippines to use imported materials while qualifying for zero duties while the facility is being built ■

Large-scale investment in Kenya's textile sector will increase exports

The Kenyan textile industry is poised for a major boost with the creation of an estimated 20,000 new jobs. A joint announcement from the United States Embassy and Kenyan officials reveals that President William Ruto will be inaugurating a new clothing company, Nexgen Packaging Kenya, in Athi River on April 23, 2024. This new facility will specialize in the production of various garment accessories, including hangers, patches, and woven labels. These woven labels typically play a crucial role in consumer information, displaying details like fabric composition, such as "100% cotton."

The investment is expected to significantly enhance Kenya's apparel export capabilities, particularly towards the United States thus contributing to the nation's foreign earnings. Notably, the factory's establishment has been facilitated by a grant



from the United States Agency for International Development (USAID). The event will be accompanied by a "Made in Kenya" expo, showcasing 14 Kenyan apparel and textile businesses that have benefited directly from American support. This expo serves to highlight the positive impact of US-Kenyan collaboration in strengthening the local textile sector.

News of Nexgen's investment initially surfaced in December 2022. The company announcement emphasized its commitment to a diverse product portfolio, encompassing care labels, heat transfers, RFID tags, and woven labels. This comprehensive offering highlights Nexgen's aim to provide a wide range of solutions to the African market with a particular emphasis on sustainable practices. The strategic decision to designate Kenya as the primary production hub for Africa affirms the nation's growing importance in the textile industry. This new facility will undoubtedly complement existing operations in Ethiopia, Egypt, and West Africa ■

Cambodia's garment export up 23 percent in Q1

Cambodia exported \$ 2,941 mn worth of garment, footwear and travel products (GFTs) to international markets in the first quarter of 2024, up 20 percent from 2,449 million dollars over the same period last year, said a report released by the Ministry of Commerce.

Apparel and textiles accounted for \$ 2,167 mn during the January-March period this year, marking an increase of 23 percent from \$ 1,759 mn over the same period last year, the report said. Footwear represented \$ 346.3 mn, up 6.9 percent from \$ 323.7 mn, while travel goods absorbed \$ 427.9 mn, up 16.6 percent from \$ 366.7 mn, the report added.



Speaking at a press conference on Cambodia's economic outlook for 2024, Poullang Doung, Asian Development Bank-Cambodia's Senior Economics Officer, said the GFT sector will partly contribute to Cambodia's economic growth this year, which was projected

at 5.8 percent. He said the outlook for the GFT exports is "positive" and that the GFT exports have gained momentum since the last quarter of 2023.

The GFT industry is the biggest foreign exchange earner for the Southeast Asian country. The sector currently consists of roughly 1,680 factories and branches, employing some 918,000 workers, mostly female, according to the Ministry of Labor and Vocational Training ■

Bangladesh's apparel exports to EU rise 8.5% in February

Bangladesh's apparel exports to the European Union market surged by 8.5% month-on-month to around 1.3 billion euro in February this year – the highest in the last four months. However, shipments to the 27-nation economic bloc remained 18.6% lower compared to the corresponding month a year ago, according to Eurostat. Bangladesh has witnessed the most significant decline in apparel exports among its competitors in the EU countries during the first two months of 2024. This trend mirrors a similar decline observed in the United States market during the same period.

SM Mannan Kochi, President of the Bangladesh Garment Manufacturers and Exporters Association (BGMEA), said apparel exports are facing a challenging time as most buyers are not paying proper prices. He explained that exporters are losing competitiveness despite increased production costs caused by utility price and wage hikes. He also expressed concern that the escalation between Iran and Israel may significantly affect exporters in the coming months.

Mohammad Hatem, Executive President of the Bangladesh Knitwear Manufacturers and Exporters Association, echoed the sentiments of the BGMEA president. He mentioned that inquiries from western buyers had increased in recent months, but many manufacturers have been unable to entertain their orders as buyers are offering low prices. Hatem also noted that buyers are now looking for shorter



lead times, but Bangladesh's shipment time has increased to 89-90 days from 50-60 days due to the gas crisis. Consequently, many western buyers are placing their orders in Vietnam and China instead, he said. In January-February 2024, the South Asian nation experienced a significant decline in its apparel exports to the EU market, amounting to a decrease of 26.74%.

According to Eurostat, the statistical office of the European Union, Bangladesh's exports totalled 2.48 billion euro during this period, down from 3.39 billion euro in the corresponding period of 2023. Exporters highlighted that despite a surge in global demand for apparel, Bangladesh's benefits were minimal due to prolonged lead times and escalating production costs.

Specifically, the country saw a decline in its knitwear exports to the EU in January-February 2024,

amounting to 1.42 billion euro compared to 2 billion euro in the same period a year ago. Similarly, the country's woven garment exports to the 27-nation economic bloc during the first two months of 2024 decreased to 1.06 billion euro from 1.38 billion euro in the corresponding period of last year, according to Eurostat data.

Recent data from the US Department of Commerce's Office of Textiles and Apparel indicates that Bangladesh has fallen behind its competitors in apparel exports to the American market during the January-February period of 2024.

According to OTEXA data, Bangladesh experienced a notable decline of 19.24% in its apparel exports to the US during the first two months of this year. This contrasts with China, which saw export growth of 0.48%, and Vietnam, which recorded an increase of 0.14% during the same period.

According to Eurostat, clothing imports by the EU from various countries witnessed a decrease of 15.31% to 12.53 billion euro in the first two months of 2024, down from 14.80 billion euro in the same period last year.

Specifically, apparel imports from China to the EU in the January-February period dropped by 13.12% to 3.33 billion euro, compared to 3.83 billion euro in the same period of 2023. The EU's apparel imports from Turkey decreased by 10.69% to 1.54 billion euro, down from 1.72 billion euro in the same period of the previous year ■

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Archroma and Cotton Incorporated reaffirm commitment to innovation for cotton circularity



Archroma, a global leader in specialty chemicals focused on sustainable solutions, and Cotton Incorporated, the research and promotion company for cotton, have renewed their eight-year collaboration to help accelerate the shift to more sustainable circular economy. The two organizations began working together in 2016 when Cotton Incorporated approached Archroma with the goal of developing a dyestuff from the by products of cotton production. The U.S., the world's third-largest cotton producer and largest exporter, produces sustainable cotton fiber for the textile and apparel industry as well as cottonseed for food and animal feed.

Cotton farming and processing also generate by products, such as burs, stems and leaves, that are used to create insulation, packaging, erosion control products, and more. Cotton Incorporated recognized the potential to use these natural by products to produce dyes.

Drawing on a century-long heritage of sulfur dye innovation, the Archroma research team was able to apply its patented EarthColors® technology to create Diresul® Earth-Cotton using cotton by products from the U.S. supply chain. An alternative to the usual oil-based dyes, Earth-Cotton allows brands to offer textile products in warm natural shades, using cotton to create both fabric and dye.

"Cotton is a natural and versatile plant with nearly every part, from hull to seed to fiber utilized. Ideal for a circular economy; the soft and durable cotton fiber, and the rest of the cotton plant are resilient and can be reused and recycled before returning to the earth. Cotton Incorporated is committed to working with innovative leaders like Archroma to continue finding new ways to advance circularity and expand programs using cotton," Mary Ankeny, Vice President of Product Development and Implementation Operations for Cotton Incorporated said.

"The development of Diresul® Earth-Cotton is a clear example of sustainability sparking innovation that delivers value across the whole textile chain – from cotton farmers and textile mills to brands, retailers and consumers. We are excited to continue to exchange ideas and knowledge with Cotton Incorporated as a reliable partner helping lead the textile industry towards a more sustainable future," Umberto De Vita - Market Segment Director for Denim, Archroma Textile Effects said ■

The US' CPI-U rose 0.4 percent, and the apparel index rose by 0.7% in March

US' consumer price index for all urban consumers (CPI-U) rose by 0.4 percent in March 2024 on a seasonally adjusted basis, according to the US Bureau of Labor Statistics. This increase mirrors the rise seen in February. The index for apparel saw a significant rise of 0.7 percent over the month. When compared year-on-year with March 2023, the apparel index increased by 0.4 percent, indicating a steady climb in clothing prices. The index for all items excluding food and energy also rose by 0.4 percent in March, consistent with the increases observed in the two preceding months.



Furthermore, the all items index recorded a 3.5 percent rise for the 12 months ending in March, outpacing the 3.2 percent increase for the 12 months ending in February. The index for all items less food and energy rose by 3.8 percent over the last 12 months, as per the bureau. Additionally, the energy index reported a 2.1 percent increase for the 12 months ending in March. This marks the first time the energy index has seen a 12-month increase since the period ending in February 2023 ■

Sweden to broaden trade ties with Bangladesh's textile industry



Sweden will expand its trade relations with Bangladesh's export-oriented garment industry, visiting Swedish Minister for International Development Cooperation and Foreign Trade Johan Forssell said (21 March). The Swedish Minister expressed the interest while visiting a garment factory, Fakir Apparels, in Narayanganj this afternoon. Sweden Ambassador in Bangladesh Alexandra Berg von Linde accompanied the Swedish Minister.

During the visit, the Swedish Minister and ambassador expressed satisfaction with the working environment of the garment factory. They also assured to address all issues faced by the export-oriented factories, emphasising that collaboration among all stakeholders is key to resolving these problems.

Fakir Nafijuzzaman, Deputy Managing Director of Fakir Apparels, said the inspecting team inquired about the challenges industrial establishments face in apparel production, the policy support required, and the specific challenges encountered. "We briefed them on GSP status and highlighted the importance of support from foreign buyers and the necessity of price increase in apparel items from buyers," he added ■

SCZone approves Türkiye's DNM Denim Projects in Egypt

The Board of Directors of the Suez Canal Economic Board (SCZone) in Egypt has approved two projects in the Western Qantara Industrial area for Türkiye's DNM Denim company, owned by the clothing firm Eroglu Holding.

DNM will invest \$40m to set up a jeans clothing factory across 62,000 square meters of area. According to the Board of Directors of the Economic Zone, the target is to manufacture 7.2 million units of jeans, with 70% earmarked for export and 30% for sale in the local market. The board explained that DNM will rely on locally-sourced raw materials from within Damietta province and expects the creation of around 2,750 jobs as a result. The other half of the project includes establishment of an industrial complex spanning 400,000 square meters for the production of yarn, textiles, clothes, mattresses and furniture.

The Suez Canal Economic Board announced its approval of 125 new projects in various sectors, totaling \$2.56bn in investments. The Board further foresees these ventures generating over 21,000 direct and indirect job opportunities. A local news report said the transcontinental country is opening what it claimed to be the world's largest spinning and weaving factory in February with investments exceeding \$38bn. Mahmoud Esmat, the minister of the public business sector, told local news publication Arab Finance at the time, that the factory is set to commence operations in the city of Mahalla al-Kubra during February, as part of Egypt's national project to develop the textile industry ■



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Ghana study to find prospects for circular biz opportunities in textile-apparel



Ghana has initiated a feasibility study of the textiles and apparel value chain to identify circular business opportunities, Patrick Nomo, Chief Director of the Ministry of Environment, Science, Technology and Innovation (MESTI) recently said. He said this at the opening ceremony of an office of the Korea Environmental Industry and Technology Institute (KEITI) in Accra.

The project, being undertaken in collaboration with KEITI, will help revamp the sector and address the environmental and health impact of imported second-hand apparel (mitumba), he was cited as saying by a domestic news agency. Apparel production in the country had nearly doubled in the last 15 years, while the number of times a garment is worn before being discarded had decreased by about 36 percent, he said. The government targets a more sustainable and circular trade of used textiles by forging partnerships with industry, trading partners, development partners and other stakeholders, he said.

KEITI President Heung Jin Choi said the primary purpose of the office in Accra is to expand the cooperation that existed between Ghana and South Korea in the field of environment ■

Turkmenistan and Tajikistan explore textile collaboration



President of Turkmenistan Serdar Berdimuhamedov has expressed eagerness to set up a textile factory in Tajikistan with Turkmen collaboration. Tajikistan conveyed that it would study the proposal. At a joint business forum and exhibition of export products held in May last year in Dushanbe, Tajik entrepreneurs had shown significant interest in Turkmen textile products.

Chairman of the People's Council (Halk Maslahaty) of Turkmenistan Gurbanguly Berdimuhamedov and Tajik Prime Minister Kohir Rasulzoda recently met in Dushanbe to discuss opening of trade houses in the capitals of both countries and trade and economic cooperation. The senior Berdimuhamedov also suggested taking coordinated measures to raise trade volume and diversify the range of trade turnover by promoting direct links between private companies of the two countries, according to a report ■

UK clothing, textile and fibre imports decline in February 2023

UK's textile industry continues to experience fluctuations in imports and exports, influenced by various factors, including economic conditions and global demand, according to the latest data released by the Office for National Statistics (ONS). UK's clothing imports declined by 11.51% in February 2023, reaching £1.294 bn (\$1.62 bn). This is a significant drop from the £1.443 bn recorded during the same period in the previous year. The decline was also observed on a month-on-month basis, with January 2023 imports standing at £1.384 bn.

Despite the recent decrease, UK's clothing imports had experienced a surge in 2022, amounting to £21.256 bn (\$25.86 bn), a 23.50% increase compared to the imports of £17.034 bn in 2021. However, it remains to be seen if this trend will continue in the coming months.

In addition to clothing, the UK's textile fabric imports also recorded a decline of 4.94% in February 2023, amounting to £462 million, down from £486 million in February 2022. These imports also experienced a month-on-month decline, with January 2023 imports at £469 million. ONS data shows that textile fabric imports reached £6.359 billion between January and December 2022.

Furthermore, the UK imported £39 million worth of textile fibres in February 2023, compared to £45 million during the same month in 2022. Textile fibre imports were also lower in January 2023, at £35 million. The total textile fibre imports for 2022 amounted to £545 million.

On the other hand, the UK's clothing exports decreased annually, reaching £3.931 billion in 2022 compared to £4.263 billion in 2021. In February 2023, the country exported clothing valued at £296 million, a decline from £323 million in February 2022 and £306 million in January 2023. Meanwhile, exports of textile fabrics and fibres were recorded at £2.716 billion and £616 million, respectively, in 2022. The recent decline in clothing imports in February 2023 highlights the need for continued monitoring of the industry's performance to identify future trends and potential opportunities for growth ■



Vietnam garment industry exports improved

Many garment companies have reported 10-15 percent year-on-year increases in exports in the first quarter and receiving enough orders to last until the third. A spokesperson for Saigon 3 company said that garment exports have improved and the order book is full for until July. "Demand from the U.S. has recovered, and so the company's first quarter revenues were up from the same period in 2023."

Than Duc Viet, CEO of Garco 10, said his company's revenues rose 15 percent year-on-year and it has enough orders for until the end of the third quarter. This year it is expanding its customer base and targets revenues of VND4.5 trillion (\$180.3 mn), up 6.6 percent from 2023, and profits of VND130 bn, a 5.7 percent increase, he said. Major textile company Thanh Cong is targeting a 20 percent rise in profits.

Vu Duc Giang, Chairman of the Vietnam Garment and Apparel Association, said the garment industry has shown improvement and the increased order volumes would help enterprises recover from a rough 2023. Last year exports had declined by over 9 percent to \$40.3 bn due to weaker demand in major markets such as the U.S. and EU. But they rose by 9.62 percent in the first quarter of this year to \$9.53 bn, according to customs data. At the current trajectory, the export target of \$44 bn for this year is well within reach, Giang said.

But garment businesses are concerned that geopolitical conflicts could stymie recovery. Many are pessimistic since the higher shipping costs caused by tensions in the Red Sea have hit their profits badly. They are also under pressure to meet global fashion brands' stringent requirements with respect to sustainability, extended producer responsibility, digital transformation, and environmental, social and corporate governance. Concurring with this, Giang said garment exports to the EU might decline due to higher standards on emissions set by the European Green Deal. Vietnamese businesses need to proactively embrace green transformation, amend their production processes and invest in new technologies to maintain their competitiveness and meet the demands of global supply chains, he added ■



Leigh Fibres acquires Martex Fibre, rebrands as Revive Fibre

Leigh Fibres, headquartered in Wellford, S.C., announced that it has purchased the operating assets of Martex Fibre and rebranded the business as Revive Fibre. Leigh Fibres and Revive Fibre will operate as separate but related sister companies under joint management as the largest textile recycler in North America. With multiple production facilities in South Carolina and one in Brownsville, Texas, the investment will expand capacity to meet growing production needs. All products will continue to be made in the U.S. while supporting industries throughout North America, South America and Europe.

"The acquisition of these assets will benefit customers of both companies. While the companies will remain separate, we have broadened and deepened our resources, improving our capabilities and expertise. Nobody else can provide the same breadth of products from recycled fibres, eco-friendly chemistry, toll manufacturing, and nonwoven solutions," says Daniel Mason, Co-Owner of Leigh Fibres and the newly formed Revive Fibre.

The two companies provide solutions for textile recycling, from high-volume to specialty custom fibres, across industries including automotive, apparel, bedding and acoustic insulation. They are committed to helping organizations meet sustainability goals by diverting waste streams from landfills, allowing manufacturers to reduce waste and create new revenue opportunities. "Sustainability is core to who we are," Mason says. "We're passionate about developing green solutions that are good for profit and the planet."

Leigh Fibres and Revive Fibres have over 150 years of combined experience in textile recycling. Established in 1922, Leigh Fibres is a vertically integrated fibre and nonwoven provider providing customized support throughout the manufacturing process. Revive Fibre (formerly Martex Fibre) has been in the field of textile recycling since its founding in 1975 as a textile waste trading company. It provides textile waste management services to a variety of textile mills in North and Central America and the Caribbean ■



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APPAREL VIEWS / APRIL 2024 11

Switzerland's OEKO-TEX raises standards through rigorous quality checks

Switzerland's OEKO-TEX, a leading organisation that offers collaborative solutions for partners in the textile and leather industry, has amplified its commitment to excellence through a rigorous array of control measures and audits. This initiative underscores the organisation's dedication to inspiring trust among its partners, in its processes, and most importantly, in its globally recognised certifications.

At the heart of OEKO-TEX's certification integrity are its 17 accredited, independent textile and leather partner institutes, each playing a crucial role in the certification process. To ensure the continuation of high-quality standards, these institutes undergo thorough audits every three years. These audits, conducted by the Secretary General of OEKO-TEX alongside an experienced auditor from the OEKO-TEX secretariat from a different institute, aim to maintain quality and identify potential hurdles. During these evaluations, spot checks on certification processes and randomly selected certificates are scrutinised for testing scope adequacy, on-site visit reports, and proper certification accounting.

OEKO-TEX takes proactive steps to ensure that certified articles reflect the actual products sold, with 25



percent of Standard 100, Organic Cotton, and Leather Standard certificates undergoing product control checks. These tests, which span various production stages and countries, are crucial in maintaining standard compliance. Laboratories conduct tests to verify if the articles meet the required standards, with non-conforming samples necessitating improvement or risk certificate withdrawal.

To ensure the accuracy and comparability of its partner institutes' laboratory performances, OEKO-TEX conducts annual Round Robin Tests. These inter laboratory comparisons are essential for assessing the precision of testing methods across different

laboratories. Results from these tests are integral to the technical meetings and the general manager meeting, ensuring any discrepancies are promptly addressed through corrective actions.

For initial and renewed certifications under Standard 100, Organic Cotton, and Leather Standard, OEKO-TEX mandates on-site visit every three years. These visits assess the applicant's long-term quality maintenance capability and standard compliance. Special attention is given to traceability, quality management, and chemical handling. The use of a uniform questionnaire across all operating countries ensures a standardised evaluation process.

STeP certification audits form the cornerstone of OEKO-TEX's evaluation process, focusing on quality management, traceability, chemical management, social responsibility, and environmental impact. STeP auditors undergo rigorous training, including self-study and online tests, ensuring they are well-equipped to perform comprehensive facility evaluations. These auditors are supported by an experienced lead auditor during their initial audits, promoting a community of knowledge exchange and support within the OEKO-TEX network ■

SBS Zipper Bangladesh to invest \$19.97 mn in Bangladesh's BEPZA

Chinese zipper manufacturer SBS Zipper Bangladesh Co Ltd has announced an investment of \$19.97 mn to establish a garment accessories manufacturing facility in the Bangladesh Export Processing Zone Authority (BEPZA) Economic Zone (BEPZA EZ). The agreement was recently signed at the BEPZA Complex in Dhaka, marking a notable advancement in Bangladesh's efforts to attract foreign investment.

The new facility promises substantial economic benefits, with plans to produce 271 mn pieces annually, including a range of products such as metal zippers, nylon and plastic zippers, as well as various zipper parts and

buttons. This venture is set to generate employment opportunities for over 2,063 Bangladeshis, BEPZA said.

The signing ceremony was attended by notable figures including BEPZA Executive Chairman Major General AbulKalam Mohammad ZiaurRahman, and WeifangShen, CEO of SBS Zipper Bangladesh. Ali Reza Mazid, BEPZA Member for Investment Promotion, also played a pivotal role in the proceedings. Expressing his gratitude, Major General Rahman thanked SBS Zipper Bangladesh for their decision to invest in the BEPZA EZ and assured full support from BEPZA to facilitate smooth operations and export activities.

Member (Engineering) Mohammad FaruqueAlam, member (Finance) Md. AshrafulKabir, Executive Director (Admin) A N M FoyzulHaque, Executive Director (Investment Promotion) Md. TanvirHossain, Executive Director (Enterprise Services) Md. KhorshidAlam and Executive Director (Public Relations) A.S.M Anwar Parvez and the representatives of the company were present during the signing ceremony. SBS Zipper Bangladesh is a concern of SBS Zipper, one of the biggest global Zipper manufacturers, ranks first in China and second in the world for Zipper production, the statement added ■

Eastman collaborates with Debrand to recycle apparel waste from top brands

Eastman, a specialty materials company and producer of Naia™ cellulosic fibers, has formed a strategic collaboration with Debrand, a prominent, next-life logistics company specializing in finding sustainable solutions to apparel waste for some of the world's top apparel and footwear brands.

Teaming up with Debrand for collection of the waste, Eastman is using its cutting-edge molecular recycling technology to recycle 5,000 pounds of pre- and post-consumer apparel waste. The process breaks down apparel waste to its molecular building blocks and uses the certified recycled material to create Naia™ Renew fibers - circular fibers made from 60% sustainably sourced wood pulp and 40% recycled waste material via Global Recycled Standard-certified mass balance.

"We are committed to advancing sustainable solutions for the fashion industry," said Claudia de Witte, Eastman's textiles sustainability leader. "Partnering with Debrand allows us to drive progress on our Naia™ sustainability goals, particularly to mainstream circularity by creating sustainable solutions for textiles

that have reached end of life and turning them into valuable resources for new Naia™ Renew fibers. This collaboration underscores our commitment to work closely with key collectors and sorters to drive the necessary infrastructure changes for advancing sustainability in the fashion industry."

Eastman and Debrand are showcasing the transformative potential of molecular recycling technology to address the textile waste crisis. By providing more circular solutions for apparel waste, this partnership sets a new standard for sustainable practices in the fashion industry. Prior to its collaboration with Eastman, Debrand secured a strategic investment from Waste Management, the leading provider of comprehensive waste management in North America, to deliver circular solutions across the U.S. and Canada.

"We are excited to collaborate with Eastman on this innovative pilot project and create building blocks toward valuable systems of sustainability," said Lina G. Londono, vice president of sustainability at Debrand. "We took on this project with an intentional



and iterative approach that would reach meaningful milestones. This project was designed to offer scalability and accessibility for other brands that would want to participate in the future."

Eastman continues to partner with strategic brands and organizations to drive innovation and enhance the infrastructure for a circular economy in the textiles industry. Recently, Eastman teamed up with Patagonia to recycle 8,000 pounds of its unusable apparel, demonstrating Eastman's commitment to close the loop on textiles ■

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Active Apparel Group embraces toxin reduction, uses Oeko-Tex 100 certified water-based inks for apparel printing

As part of a broader initiative to reduce environmental impacts and keep ahead of evolving global chemical regulations, Active Apparel Group (AAG), manufacturer of performance apparel for the leisure/lifestyle and active market, is embracing water-based OEKO-TEX 100 Class 1 Standard Printing Inks in their manufacturing process.

Common and inexpensive inks used in the global manufacture of apparel contain a wide range of toxic chemicals, including phthalates, petroleum-based co-solvents, PVC, and other volatile organic compounds. AAG's initiative to use OEKO-TEX approved, water-based inks creates benefits for factory workers, people living local to these factories, consumers, and everyone downstream. The benefits of water-based inks are numerous.

"Reducing toxic chemicals from the manufacturing process is the right thing to do for our employees, for people living close to our manufacturing facilities, and for anyone buying the apparel that we manufacture," said Daniel Hawker, CEO of AAG. "Moving away from



toxins also allows us to keep ahead of increasingly stringent environmental regulations, allowing our customers to stay profitable in a quickly changing global marketplace."

AAG offers a range of printing methods to address a variety of customer needs, including: digital printing, screen printing, and heat transfers for on-garment logos and care instructions. OEKO-TEX certified water-based inks are used for all of its digital printing and for the majority of its screen printing. These non-

toxic water-based inks offer a socially and environmentally better alternative to the more commonly used Plastisol inks.

Making a sizable environmental impact, the printing service of AAG's business is significant. Digital printing averages 25,000 meters per month with screen printing averaging 60,000 garments per month.

The use of water-based inks requires a skilled production team and training of employees is ongoing. AAG currently employs 30 people at its printing operations in Ningbo, China.

OEKO-TEX 100 Class 1 Standard Printing Inks are a specialized category of printing inks (typically used in textiles and fabrics) that comply with the stringent OEKO-TEX 100 certification, ensuring they contain no harmful substances and are safe, even for the most sensitive skin. Compared to industry standards, these inks offer substantial environmental benefits by significantly reducing the risk of allergens and harmful chemicals leaching into the environment ■

Archroma introduces highly sustainable durable water repellent for outerwear and apparel fabrics

Archroma, a global leader in specialty chemicals towards sustainable solutions, has introduced a new bio-based durable water repellent (DWR) finish that helps mills and brands produce apparel that is soft to the touch and yet offers robust rain and stain protection and an improved sustainability profile.

PHOBOTEX® NTR-50 LIQ is designed to provide excellent water repellence on all kinds of fibers while achieving a very soft handle and avoiding undesired effects like yellowing and chalk marking. It performs especially well on synthetic fibers and their blends, making it ideal for apparel, outdoor wear and home textiles.

The new DWR is based on 50% renewable carbon content based on ASTM D6866 and is free of per- and polyfluoroalkyl substances (PFAS) and formaldehyde. It is also crosslinker-free, which makes it more flexible in use. While offering good wash durability on its own, PHOBOTEX® NTR-50 LIQ can be

combined with a crosslinker like ARKOPHOB® NTR-40, which has a biocarbon content of 40%, to further boost wash and/or dry-cleaning resistance.

"Archroma is dedicated to leading the fashion and textile industry to a more sustainable future through a focus on 'Planet Conscious' innovation," Georg Lang, Market Segment Director Finishing, Archroma Textile Effects, said. "With our new PHOBOTEX® NTR-50 LIQ, we have used renewable feedstock to create a best-in-class DWR that is both cost-efficient and delivers a softer hand feel than comparable products. This makes it possible for brands to offer consumers the excellent rain, splash and stain protection they expect, but in fabrics that are more comfortable to wear as well as less likely to tear."

PHOBOTEX® NTR-50 LIQ also has excellent runnability, which ensures reproducible performance and high production safety, even at elevated temperatures. It is helpful for mills seeking to solve challenges like



running issues, such as roller build-up, and strong chalk marking or harsh handle.

Sportswear, fashion and home textiles treated with the PHOBOTEX® NTR-50 LIQ durable water repellent qualify for the High IQ® Repel assurance program. The High IQ® program assures consumers that these products deliver performance, protection and comfort and meet strict environmental standards ■

US, Kenya sign \$11 mn partnership agreement to promote textiles, apparel



Kenya's President Samoei Ruto announced that the country's strategic interventions in the textile and apparels sub-sector have provided Kenya with a competitive advantage, attracting investors and growing the manufacturing base. This, he believes, has not only led to increased exports, but also expanded job opportunities for factory workers and over 40,000 cotton farmers.

According to USAID Kenya, the country has the largest, most diversified economy and the second largest population in East Africa. It stated: "Kenya also has a young, ambitious, and well-educated workforce eager to contribute to the development of the country." The \$11mn partnership between Kenya and the US is

aimed at bolstering the textile and apparel sector of the East African country. US Ambassador to Kenya Meg Whitman, shared a comment on the Kenya-US partnership: "Investments by USAID Kenya are creating quality jobs for Kenyans and increasing exports to the US."

In 2023, USAID awarded a two-year \$2mn grant to North Carolina State University's Wilson College of Textiles for training around 1,500 Hondurans in yarn spinning, knitting, dyeing and finishing, and apparel production. USAID, through Hilando Oportunidades (spinning opportunities), was transforming the lives of Honduras' youth by providing skills and training for careers in the textile industry ■

2024 AATCC Foundation grants for textile-related academic research

Each year, AATCC Foundation awards \$10,000 in grants for textile-related academic research. This year, funding went to 18 students at 7 universities. Topics range from denim recycling to tissue engineering. Funded proposals are not limited to traditional textile departments but include undergraduate and graduate studies in consumer sciences, material science, bioengineering, design, and more.

In 2024, grants range from \$500 to \$4,000 for materials and research expenses toward textile-related projects. In addition to the grant, recipients are eligible for a travel stipend to present their work at a professional conference. AATCC publicizes the selected topics and final reports to inspire other members to engage with the work. As AATCC's mission states, the aim is to "empower an innovative, informed, and sustainable future." AATCC Foundation grants do this by supporting and sharing a broad spectrum of textile research. The application period for 2025 AATCC Foundation grant funding will open in June and close October 15, 2024 ■

Samsara Eco and lululemon introduce enzymatically recycled polyester apparel

Australian start-up Samsara Eco has enzymatically recycled polyester which Athletic apparel brand Lululemon has turned into samples of its limited edition Packable Anorak jacket. The jacket is made from a variety of inputs, including mixed plastic waste, lululemon apparel at the end-of-life stage, and converted carbon emissions.

Samsara Eco's low-temperature depolymerisation process uses a combination of biophysics, chemistry, biology, and computer science to create plastic-eating enzymes. The enzymes are optimised to efficiently recycle PET, polyester, and nylon 66 at scale. The process can handle a variety of blended fabric and mixed bale feedstocks including poly/cotton and nylon/elastane blends, carpet fibres, zip ties, and airbags.



Polyester is the most widely used fibre worldwide, accounting for around 80% of the synthetic fibre market and equating to over 63 million tonnes made each year. However, only 13% of textile waste is currently recycled, and only 1% is recycled fibre-to-fibre. Separate collection of textile waste will be mandatory in Europe from January 1, 2025. By 2030, the European Union intends to require textiles to contain a minimum percentage of recycled fibres. Samsara Eco's

partnership with lululemon has also resulted in the world's first enzymatically recycled polyamide 66 (PA66) apparel hitting the market in February this year.

"Our vision is to scale these technologies to address textile waste across our entire supply chain," said Yogendra Dandapure, Vice President, raw materials innovation at lululemon. "This capsule product is a first step along this journey, helping us test and learn as we continue to advance circularity, which signals exciting possibilities for all industries looking to shift to more circular models," he added.

The plastics industry has recently started to give steps towards a circular economy for textiles. The Alliance of Chemical Textile Recycling (ACTR) was formed in September 2023. Companies like BASF and Carbios have developed technologies to recycle PA6 and PET fibres, respectively. Celanese has developed a recyclable fibre to replace elastane in stretch fabrics ■

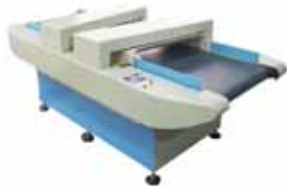


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Storm Creek outdoor athleisure wear to exceed 50M plastic bottles upcycled by end of 2024

Storm Creek, a Minnesota company committed to giving back and producing an entire lifestyle apparel product line made from upcycled materials, is poised to hit a milestone of upcycling 50M plastic bottles by the end of 2024. In addition, the company has expanded its Sustainability School, is planning major donations to charitable partners, and is hosting an Eco Festival on April 19th.

"Every day is Earth Day and Storm Creek," said Teresa Fudenberg, CEO and Owner of Storm Creek. "We are committed to making high-quality, long-lasting sustainable athleisure wear and educating our industry about the detrimental impact of 'fast fashion' and how investing in eco-friendly apparel care should be a priority."

Storm Creek provides logo-embazoned apparel to companies nationwide and to national parks and resorts in North America. The company also sells directly to consumers through its website and retail partners. Each item sold at Storm Creek is specially labeled to include the number of plastic bottles upcycled to make it.



"Ninety percent of S&P 500 executives cite sustainability as important and logoed items like apparel have long been a powerful tool for brand promotion and connection," Fudenberg said. "By making sustainable choices, businesses can align their promotional strategies with values that resonate with environmentally conscious consumers reinforcing a positive brand image while contributing to a more sustainable future."

Storm Creek, a brand founded in 2006, started a sustainable sourcing initiative in 2016 and quickly

committed to converting its entire line to eco-made. In addition, the company is dedicated to giving back to nonprofits and has contributed \$2M to charitable causes. It plans to donate \$5M by 2030.

In 2021, Storm Creek launched a Sustainability School that has educated hundreds about the excessive waste in the apparel industry to date. This month, they will teach hundreds of promotional product distributors across North America in person and through online webinars. The company is also hosting a Storm Creek Sustainable Style Sweepstakes. The winner will get a \$1,000 shopping spree to build an eco-made capsule wardrobe.

"The logoed merchandise business is a \$26 billion industry," Fudenberg said. Our Sustainability School educates on the importance of sustainable sourcing and eco-minded disposal of end-of-life products. The good news is that the industry as a whole currently has sustainability top of mind, and they want to ensure they are aligned with corporate end buyers' goals for sustainability" ■

Antonella Capelli has been appointed President of the Europe, Middle East, and Africa (EMEA) Region by Lectra

Lectra, supplier of technology solutions accelerating the transition to Industry 4.0 for the fashion, automotive and furniture industries, announces the appointment of Antonella Capelli as President of the Europe, Middle East and Africa (EMEA) region, effective May 1, 2024. Already a member of the Executive Committee since January 1, 2024, Antonella Capelli takes over from Fabio Canali, who is retiring.

Lectra currently operates in 74 countries in the EMEA region, with over 500 employees in 17 locations and 4,000 customers. At the forefront of digital transformation, the EMEA region, which accounted for 33% of the group sales in 2023, has always been a driving force for Lectra, which continuously propels the deployment of its new offers dedicated to Industry 4.0 there.

"On behalf of all Lectra teams, I would first like to extend my warmest thanks to Fabio Canali for his exceptional investment since he joined Lectra, twenty years ago. Fabio brilliantly guided our team in Italy, then in Southern Europe and North Africa, where together, they delivered outstanding performance. His leadership and expertise have been essential to the success of numerous offers launched over the past decade", says Daniel Harari, Chairman and Chief Executive Officer of Lectra. "I am particularly pleased that Antonella Capelli is taking over to continue Lectra's development in the EMEA region. For over ten years, she has demonstrated her excellent understanding of our customers' challenges, and her ability to accelerate the company's growth in this region. I have no doubt that Antonella will make a very positive contribution to the Industry 4.0 transition of the companies that place their trust in us in Europe, the Middle East and Africa."



Antonella Capelli began her career at IBM Global Business Services, in IT project management, digital innovation and consultative sales for the fashion market. In 2013, she joined Lectra as Professional Services Manager for Italy. She then moved into a sales role in 2017, gradually increasing her responsibilities in Italy and the Southern Europe and North Africa region. She holds a master's degree in management and production engineering from the University of Milan-Politecnico (Italy).

"I am particularly honored and excited to be able to support Lectra's success in a region where our customers' challenges can be very diverse", says Antonella Capelli. "I'm looking forward to working closely with all EMEA teams to provide solutions that will enable players in the fashion, automotive and furniture industries to pursue their digital transformation. My ambition is to foster our collective success" ■

Polyester recycling plant opens in Kettering to tackle UK textile waste

A polyester recycling plant which supplies raw material from garments back into the fashion and textiles industries has begun operations in Kettering. The joint venture between Salvation Army Trading Company and Project Plan B, known as Project Reclaim, is the first commercial-scale, post-consumer polyester recycling plant of its kind. Many garments and other textile products are not designed with 'end of life' in mind and most cannot be recycled, adding to the textile waste problem. Project Reclaim aims to open up opportunities for textiles to be designed for purpose, without any compromise to fashion, performance or the environment. As part of the venture, Salvation Army Trading Company Ltd (SATCoL) has set up the new technology at one of their processing centres. Tim Cross, Chief Executive of Project Plan B, said: "In the UK alone, 300,000 tonnes of textile items are discarded into household waste, including polyester. Up until now, polyester that had no useful life left would have been disposed of. "With this project, we can now save that waste and return it to supply chains. It's a carbon saving, planet saving solution, and it plays a significant role in helping our collective journey to Net Zero."

The machine was installed in January this year and is now fully operational, with polyester pellets being produced from the polyester waste. The plant is on track to recycle about 2,500 tonnes of unwanted polyester this year, with a further 5,000 tonnes in year two, and creates polyester pellets which can be spun into yarn for use in textiles along with other industrial applications. The pellets are then expected to be integrated into the manufacturing processes of new products later this year. Majonne Frost, Head of environment and sustainability at SATCoL, said: "This partnership brings together the large-scale collection and processing capabilities of The Salvation Army, with the cutting-edge technology developed by Project Plan B and PURE LOOP. Together we are working together to bring new solutions and services, at scale, that will help create a textile circular economy" ■

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Globe Textiles will add garment processing capacity of 20,000 units per day



Globe Textiles India Limited (GTIL), a well-known textile star exporter of fabrics and garments catering to global and domestic markets for the last two decades will add a garment processing capacity of up to 20,000 units per day and 6 Lakh units per month and eyes a 520 cr top line in next 3 years.

With an environmentally friendly facility with a Zero Liquid Discharge system and partly solar generation which minimizes energy costs while using green energy company expects a 30 percent uptick in revenue and a top-line of 520 cr by 2027. Positioned as an industry leader in environmental responsibility and fashion-centric customer satisfaction, the company uses nature-friendly dyes and chemicals and has pioneered sustainable processing techniques that give a better hand feel to apparel while minimizing energy consumption and maximizing water recycling through its Zero Liquid Discharge system.

Bhavin Parikh, CEO at Globe Textiles (India) Limited said, "With the ongoing innovation we are planning to introduce denim tops in the female category and we reaffirm our dedication to sustainability and innovation in the textile industry. After successful rights issue and acquisition, we will enhance our asset base, margins, and top line as well as introduce innovative sustainable fashion garments and practices which are sought after by customers from India, Europe and US."

Globe Textile has reported revenue of Rs 399.4 cr in Dec 2023 and has a production capacity of over 2.5 lakh sq. feet where it manufactures, 36 mn meters of fabric and 2.5 mn bottoms per annum. It has reported robust financial results over the years with a 10-year CAGR of 13 percent in Revenue and 13 percent Net Profit. With a market cap of over 100 cr and retail shareholding of over 55 percent industry experts say that "Globe Textile is a stock to watch for a breakout on the charts" ■

Exports of Indian Cotton Textiles show remarkable growth in 2023-24

Sunil Patwari, Chairman Texprocil in a statement today said that the export of cotton textiles for the year 2023-2024 have reached \$11,683 mn, growing by approx. 6.7% over the previous year. He said that this accomplishment underscores the resilience, determination, and collective efforts of all the exporters who in spite of strong headwinds like geo strategic challenges on account of Russia-Ukraine conflict, Red Sea crisis and high raw material costs and fluctuating demand have achieved positive growth.



He also stated that the proactive support of the government in terms of continuing with RoDTEP & RoSCTL Scheme and timely disbursement of export benefits have also helped the cotton textile industry to remain competitive. Patwari stated that even though the cotton textile industry has shown positive export growth this year, there are still a few challenges that need to be addressed at the government level. Some of these include availability of raw materials at international prices; high interest cost; preferential access to key markets.

However with a new Government assuming office after the General Elections, Patwari was confident that these issues will get addressed. Patwari also stated that the textile industry was eagerly looking forward to the early signing of the Indo- UK and India – EU FTA after the elections which will further boost exports in the new fiscal year 2024-2025 ■

Apparel exports are expected to grow 8–9% in FY2025

Apparel exports are expected to see a muted recovery with around 8-9 per cent growth in revenues, said ICRA in a note recently. The revival is expected owing to the demand for stock replenishment in the US and the EU regions.

The retail apparel brands in the US and EU, together account for close to 55 per cent of global apparel trade and are expected to liquidate high inventory build-up and book their orders for the summer 2024 season in H1 FY2025, read the release.

"After a nominal decline in revenues in FY2024, ICRA expects the apparel-exporting companies to report a recovery in FY2025 on a lower base, with replenishment of stock in the US and the EU regions," said Priyesh Ruparelia, Vice President and Co-Group Head, corporate sector ratings, ICRA.

A difficult operating environment had pushed back large capex investments for most players. However, based on an expectation of demand revival in FY2025 and the industry players' strategies to take advantage of the China Plus One movement, ICRA said that it expects a pick-up in capex spending in FY2025.

As per the release, the Red Sea conflict has not led to any cost implication in apparel exports except for the shipment delays by 15 days from its original time.

Further, the report said that the PM Mega Integrated Textile Region and Apparel (MITRA) scheme will strengthen India's presence in the global apparel trade, by providing scale benefits and strengthening the country's presence in the MMF supply chain.

Moreover, the release said that the operating margins of apparel exporters may moderate to 9.8-10 per cent in FY2024 against 11.3 per cent in FY2023 due to a relatively weaker operating performance in the 9 months of FY2024 and contraction in volumes leading to a decline in operational efficiencies ■



Leaders in the Indian export sector urge a waiver of Section 43B (h)

Indian exporters are concerned about the new Section 43B (h) of the Income Tax Act, which mandates timely payments to micro and small enterprises. They are worried they will lose opportunities to their competitors in the global market in the absence of a level playing field because of this



section. India's export promotion councils have written a letter to Prime Minister Narendra Modi, demanding an exemption for exporters from this mandate, as it might create significant trouble for them.

Major export promotion councils have stated in a letter to the PM that the provision should not apply to exports. The supplies of goods from micro and small units to exporting units, either for manufacturing export products or for further exports, should be exempted from this provision. The export promotion councils have pointed out that the average lead time for an export consignment is about 90 days, compared to a shorter time for domestic consignments. Foreign buyers generally make payments within 30 days after receiving the goods.

Ajay Srivastava, Founder of the Global Trade Research Initiative (GTRI), said in a LinkedIn post that the Reserve Bank of India (RBI) allows nine months for realising money from foreign buyers. In contrast, China provides long credit lines to its buyers. The current provision will immediately impact India's exports from small firms and weaken the Indian export narrative and targets.

He stated that there is a need for wider consultation on the provision. The government should exempt exporters and reconsider application on small firms. Section 43B(h) excludes 'medium enterprises' - those with investments in plant and machinery or equipment not exceeding Rs. 50 cr and a turnover not exceeding Rs. 250 cr. It defines micro and small enterprises based on investment and turnover limits.

Srivastava mentioned that there is nothing apparently wrong with it. Section 43B (h) is an effort on part of the government to support MSMEs' financial stability and operational success, alongside similar measures in GST law. Yet, the rule is expected to increase compliance efforts and financial strain for companies. He added that the government should not enforce this law retrospectively, i.e., for invoices or dues after April 1, 2023. It should apply to invoices or dues after April 1, 2024 ■

Industry veteran Vikram Rao appointed as Board Mentor at Resil Chemicals

Resil Chemicals has announced the appointment of Vikram Rao as Mentor to its Board of Directors. Bringing with him a wealth of experience garnered from illustrious tenures at renowned organizations such as Coats, Arvind, Aditya Birla Group and N9 World Technologies, Rao has consistently transformed enterprises into diversified powerhouses throughout his distinguished career.



With a proven track record of leadership and strategic vision, Rao is renowned for his ability to translate ambitious goals into achievable milestones through persistent oversight. Resil Chemicals anticipates leveraging his strategic acumen and unwavering commitment to execution for the company's advancement.

Rao's appointment marks a significant milestone for Resil Chemicals, as his invaluable guidance and expertise are poised to play a pivotal role in propelling the company towards sustained growth and success ■

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India sets ambitious goals \$600 bn textile exports by 2047

India is working on an ambitious target to achieve \$600 bn of textile exports by 2047 from \$44 bn in FY22 and the domestic market to grow to \$1.8 trillion from \$110 bn in 2022, led by a surge in fast fashion and growth in ecommerce. The Textiles Ministry is formulating its Vision 2047 based on five thematic pillars—research & innovation; infrastructure, trade & investment; marketing & brand promotion; skilling & quality and sustainability. "One workshop has taken place with the stakeholders.

Discussions are on to have ambitious but realistic targets," said a person aware of the deliberations. As per initial discussions, the exports of apparel and made ups could cross \$350 bn by 2047 and those of technical textiles could be around \$85 bn. For the domestic market, apparels could grow to \$1.2 trillion and technical textiles to around \$460 bn. Industry has raised challenges of raw material for achieving the \$350 bn export aim for apparels besides the need for an investment policy for textiles and a mission mode plan for supply augmentation. Promotion of domestic brands and suppliers as global champions and a mission on quality entailing the



domestic market is seen growing to \$250 bn by 2030 and exports to \$100 bn.

The vision includes making India a global leader in sustainable manufacturing with 30 percent share of global recycled fibres and setting up a new segment of the value chain—textiles recycling and waste management. Developing textiles knowledge hub and centres of excellence for national tech creation and sharing of intellectual property rights are also being discussed. 2047 would be the 100th year of India's Independence. "The moment a new government comes, a 100-day plan and then a long-term plan till

2047 could be announced," said another person aware of the deliberations. Promotion of domestic brands and suppliers as global champions and a mission on quality entailing the enhancement of productivity of natural fibres are being deliberated as part of the plan. Focus could also be given to indigenous machinery manufacturing, self-reliance in high-tech and high value exports and a self-sustaining indigenous supply chain.

Moreover, milestones for 2030 are also under consideration wherein domestic market is seen growing to \$250 bn by 2030 and exports to \$100 bn. The vision includes making India a global leader in sustainable manufacturing with 30 percent share of global recycled fibres and setting up a new segment of the value chain—textiles recycling and waste management. Developing textiles knowledge hub and centres of excellence for national tech creation and sharing of intellectual property rights are also being discussed. 2047 would be the 100th year of India's Independence. "The moment a new government comes, a 100-day plan and then a long-term plan till 2047 could be announced," said another person aware of the deliberations ■

Credo Centre of Excellence launches India's first Fashion Incubation Center in Kolkata

The Credo Centre of Excellence, in partnership with the Apparel Skill Council, has inaugurated the nation's first-ever Fashion Incubation Centre in Kolkata. This initiative aims to inject new life into the state's textile sector, valued at a substantial Rs 40,000 cr.

Pinaki Roychowdhury, a trustee of the Credo Foundation, hailed the venture as a groundbreaking move, highlighting its distinction as India's premier fashion incubation centre. It stands as a pioneering Public-Private Partnership (PPP) model sanctioned by the Apparel Made Ups Home Furnishing Sector Skill (AMHSSC) Council under the Ministry of Skill Development and Entrepreneurship. Roychowdhury

also shed light on three government-owned centres situated in Gurugram, Guwahati, and Tripura, catering to fundamental tailoring training needs.

Despite West Bengal's vibrant MSME-based garment manufacturing sector, its export potential has been hampered by outdated practices and an inadequate design and supply chain infrastructure.

At the launch event, A Sakthivel, Chairman of AMHSSC and recipient of the Padmashree Award, articulated the programme's core objective: fostering innovation and skill development in home furnishing and apparel manufacturing. He underscored the pivotal role of the



Centre of Excellence in upskilling workers across various industry segments, aiming to bridge existing skill gaps and equip employees for enhanced professional performance ■

AMHSSC welcomes Dr. Vijay Kumar Yadav as new CEO to lead visionary growth



Apparel Made-Ups & Home Furnishing Sector Skill Council (AMHSSC) proudly announces the appointment of Dr Vijay Kumar Yadav as its new Chief Executive Officer (CEO), effective 1st April 2024. With an illustrious career spanning over 22 years, Dr Yadav brings a wealth of expertise and innovation to steer AMHSSC into a new phase of growth and development. Before joining AMHSSC, Dr Yadav held executive positions at leading organizations within the textile sector, showcasing exceptional skills in

industrial research, skill ecosystem planning, and policy formulation.

"We are excited to welcome Dr Vijay Kumar Yadav as the new CEO of AMHSSC," stated Dr A Sakthivel, Chairman, AMHSSC. "In his remarkable career, he has demonstrated exceptional leadership and a deep understanding of the textile sector. His extensive experience in industrial and academic research, coupled with his visionary approach, makes him the perfect fit to lead AMHSSC into its next chapter of growth and success."

Dr Yadav holds a Ph.D. and M. Tech in Textile Technology from the prestigious Indian Institute of Technology, Delhi, and a B. Tech in Textile Engineering from MSU Baroda, India. His academic achievements include completing significant research projects, which resulted in three Indian patents and many publications in esteemed research journals and conferences. His expertise in textile manufacturing, product innovation, and quality control, combined with proficiency in computer-aided

machine design and statistical analysis, positions him as a driving force for innovation within AMHSSC.

"I am deeply honoured to lead AMHSSC, an organization dedicated to driving excellence and innovation in the apparel industry," expressed Dr Yadav. "Together with the talented team at AMHSSC, I am committed to advancing the skill ecosystem for the textile and apparel sector, fostering innovation, and delivering value to our stakeholders. With a focus on collaboration, sustainability, inclusivity and continuous improvement, we will strive to achieve new heights of success and make a meaningful impact on the industry."

As AMHSSC embarks on this new chapter under Dr Yadav's leadership, the organization remains steadfast in its commitment to excellence, skill development, and industry collaboration. Under Dr Yadav's visionary leadership, AMHSSC is ready to achieve its ambitious goals of spearheading skill development nationwide and propelling positive change within the Apparel, Made-ups & Home Furnishing Sector ■

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Gokul Tex and Lenzing stand out at CMAI FAB SHOW 2024

Lenzing Group, leading global producer of wood-based specialty fibers, partnered with Gokul Tex, a 30-year-old fabric maker and a leading enterprise from Surat, Gujarat, to showcase their latest fabric collection made of TENCEL™ fibers at 4th CMAI FAB SHOW 2024. The event, held from April 15th to 17th, 2024, took place in Mumbai, marking a significant debut for their collaborative efforts in pioneering sustainable fashion for Indian market.

Gokul Tex, renowned for its expertise in digital printed fabrics, has embraced Lenzing's sustainable fibers since 2010. Their collaboration at CMAI FAB SHOW 2024 demonstrates their collective dedication to offering environmentally responsible solutions to meet the evolving needs of the textile market.

The fabric collection made exclusively of TENCEL™ fibers brings a perfect blend of aesthetics, performance, and sustainability [1] as key features. Ranging from the luxurious TENCEL™ lyocell fibers to the pioneering TENCEL™ LUXE branded lyocell filament yarn, Lenzing's products have enabled Gokul Tex to create cutting-edge fabrics meeting the sensibilities of Indian market. The collection saw a great response from the visitors which included young brands and labels, distributors and garment makers.

The 3-day event saw more than 200+ exhibitors and 12000+ trade visitors providing an exceptional



platform for Lenzing group & others to present their newest offerings and explore the diverse needs of the customers and network with key industry players.

Avinash Mane- Senior Commercial Director of AMEA & NEA region, Textiles Business, Lenzing Group expressed "Our collaboration with Gokul Tex at CMAI

FAB SHOW 2024 marks a big leap forward in our shared goal to promote sustainability and innovation in the Indian textile industry. Two experts, like us, joining hands creates a great platform to use combined expertise to offer the best products to the industry. By featuring our globally preferred TENCEL™ fibers with Gokul Tex's local expertise, we're not just showcasing fabrics made of TENCEL™, we're leading a push towards a planet-friendly textile industry in India."

While expressing the appreciation on their collaboration Subhash Dhavan, Director, Gokul Tex said- Through our partnership with Lenzing at the CMAI FAB SHOW 2024, we celebrate the exceptional qualities of TENCEL™ fibers. The innovative and sustainable nature of TENCEL™ fibers has greatly enhanced the appeal of our fabric collections, attracting a significant number of visitors to our exhibit. We are excited to continue driving innovation and excellence alongside Lenzing, shaping a brighter, greener & sustainable future for the textile industry."

After a successful closure of CMAI FAB SHOW 2024, Lenzing Group and Gokul Tex extend their gratitude to attendees for their interest and support. They invite industry stakeholders to join them in their journey towards a more sustainable and stylish future ■

Numero Uno Unveils Sustainable and Eco Friendly Denims

India's most loved denim and apparel brand has launched its new collection of sustainable denims, ensuring that your 'jeans game' remains as high as ever, while the environment remains protected from any sort of harm. The collection features sustainable denims made using eco-friendly materials and processes that significantly reduce water, energy, & chemical usage, & hence the overall carbon footprint on the environment.

"Our process of making sustainable denims includes using eco-friendly materials and processes that significantly reduce water usage and pollution. Using organic cotton, which requires less water and no harmful pesticides to grow, and using less

toxic dyes and treatments, makes these jeans not only better for the environment but also for the workers involved in their production. Besides being sustainable, these denims are designed to last longer and are supremely comfortable for the wearer," says Manjula Gandhi, Chief Product Officer, Numero Uno.

Numero Uno is committed to conserving water at each stage of production. From fabric dyeing to finishing, every stage of production is meticulously optimized to ensure efficient water management. The NU plant works with Zero Liquid Discharge technology, operating at 98.5% efficacy in recycling and reusing water.

Additionally, NU is using technology like conveyorized line drying, laser, G2 Ozone, E-Flow and Blue Sign chemicals combined with sustainable laundry processes, thus enabling the brand to conserve water, energy, and chemicals by 55-60%. The brand further aims to increase their efforts in this direction and achieve sustainability goals of 85-90% in the next 4-5 years. "Our latest launch of sustainable denims celebrates the sustainable denim evolution "Blue to Green" and speaks of our continuous enthusiasm to lead the fashion industry in delivering quality goods while remaining eco-conscious", says Manjula Gandhi ■



CITI Analysis of Exports and Imports of T&A for March 2024

During Mar'24, Indian Textiles Exports registered a growth of 11.18 percent over the previous year while Apparel Exports registered a growth of 1.70 percent during the same time period. Cumulative Exports of Textiles and Apparel during Mar'24 have registered a growth of 6.91 percent over Mar'23. During Apr'23-Mar'24, Indian Textiles Exports registered a growth of 2.62 percent over the previous year while Apparel Exports registered a degrowth of -10.25 percent during the same time. Cumulative Exports of Textiles and Apparel during Apr'23-Mar'24 have registered a degrowth of -3.24 percent as compared to Apr'22- Mar'23 ■

Blackberry recognises Banswara Syntex as a "Green Channel Partner

Banswara Syntex has announced its recent recognition as a "Green Channel Partner" by Blackberrys, marking a significant milestone in its sustainability journey. This esteemed label highlights Banswara Syntex's commitment to excellence and environmental stewardship within the textile industry.



The achievement highlights Banswara Syntex's dedication to upholding the highest quality standards and delivering superior fabric quality to its partners. It acknowledges the company's rigorous internal inspections, robust testing protocols and the exceptional expertise of its team members, with particular commendation for Certified Lab Technologist, Kailash Maheshwari.

Being named a Green Channel Partner signifies not only an accolade but also a responsibility for Banswara Syntex. It reinforces the company's resolve to champion sustainable practices, innovation and transparent processes across its operations. Banswara Syntex has pledged to further enhance its performance testing and fabric inspection procedures, ensuring that every fabric produced reflects the pinnacle of quality and sustainability ■

Lee® launches new Denim Collection for women designed by Suneet Varma

Iconic denim brand Lee® announced the launch of "Denim Beyond Definition", a signature collection for women that redefines denim elegance. Specially crafted by India's leading couturier Suneet Varma in collaboration with ace turtle, the exclusive licensee of Lee in India, this eclectic collection is a part of Lee's strategy to offer a fashion-forward and lifestyle-centric denim experience to its customers.

The collection marks the first time Lee is experimenting with bold styles for its Indian customers. It features captivating elements like gold foil prints, plaid patterns, and metallic riveting. Tailored for a youthful audience, Suneet Varma's signature style is thoughtfully retained with embellishments, intricate thread work, and mirror detailing gracing Gen-Z wardrobe essentials such as corsets, bell-bottom jeans, and maxi skirts. This collection stands as a testament to the boundless nature of denim, symbolizing a contemporary and transformative narrative in the world of fashion.

Sharing his perspective, Suneet Varma said "For me 'Denim beyond definition' has been an exciting journey of pushing the boundaries of denim fashion. Beyond the challenges inherent in molding denim and merging it with Indian couture, I viewed it as a tremendous



opportunity to do something new. It goes beyond the conventional, offering a unique blend of elegance and comfort. This collection is an ode to those who carve their own path in the world of fashion, and I'm thrilled to bring this fusion to Lee's customers in India."

Commenting on the collaboration, Nitin Chhabra, CEO, ace turtle said, "We take pride in introducing trendsetting collaborations that redefine the fashion landscape in India. 'Denim beyond definition' by Suneet Varma aptly captures this essence and is a testament

to our commitment to offering innovative and stylish experiences to our customers. This fusion of denim and Indian couture encourages individuality and is a bold step into the world of fashion and lifestyle. We look forward to launching more such exciting collaborations for our customers in India."

The collection seamlessly blends the casual comfort of denim with the glamour and sophistication of couture fashion. From statement-making jeans to elegant denim dresses and chic separates, it encapsulates the perfect fusion of contemporary style and timeless elegance. With a rich heritage in denim craftsmanship, Lee stands as a symbol of durability and style, now reimagined through the creative lens of Suneet Varma.

ace turtle is the exclusive licensee of Lee® in India and other South Asian markets. Lee® is currently available at exclusive brand outlets and leading departmental store chains such as Lifestyle, Shoppers Stop, Pantaloons and Centro among others. The legendary global denim brand is also available online at its dedicated webstore www.lee.in along with popular online marketplaces such as Amazon, Flipkart, Myntra, Ajio, Tatacliq and Nykaa ■

Govt. evaluating usefulness of interest equalisation scheme in promoting exports



The government is scrutinising the interest equalisation scheme for exporters to analyse its usefulness in promoting exports so far, including from the MSME sector, to decide if it should be continued beyond June 30 2024, sources have said. "The DGFT office is holding consultations with various export bodies and banks to have more clarity on those benefitting from the scheme and find out if it

actually played a role in promoting exports," an official told. The interest equalisation scheme, first implemented in April 2015 for five years, allows exporters of 410 identified products and all exporters from the MSME sector, to get bank credit at a subsidised interest rate determined by the government. The banks are later reimbursed by the government for their lower interest earnings. The scheme has since got a number of extensions and the last one is set to lapse on June 30, 2024. "There is a need for a detailed analysis of beneficiaries of the scheme under various sectors to pinpoint where the benefits are accruing and if a correlation can be established with growth in exports. If no direct correlation can be established, then the government will take a call on whether it should be withdrawn completely or for certain sectors," the official said.

The Commerce and Industry Ministry has already been taking steps to ensure a better distribution of the outlay set aside for the interest equalisation scheme to ensure that it is not cornered by just a few. Last year, the government introduced a cap of Rs. 10 cr per Importer Exporter Code (IEC) on the annual net subvention amount. This means that an individual unit cannot claim equalisation benefits beyond Rs. 10 cr. In December 2023, an additional outlay of Rs. 2,500 cr, over and above the current outlay of Rs. 9,538 cr under the scheme, was approved by the Union Cabinet to bridge the funding gap to continue the scheme up to June 30, 2024. Currently the scheme provides an interest equalisation benefit at the rate of 2 per cent on pre and post shipment rupee export credit to merchant and manufacturer exporters of 410 identified tariff lines at four-digit level and 3 per cent to all MSME manufacturer exporters. Exporter bodies have been asking the government to increase the subsidy rate to 5 percent for MSME exporters and 3 per cent for others to help them be more competitive and cope better with global headwinds and the uncertain geopolitical scenario. In FY2023-24, India's goods exports declined 3.11 percent to \$437.06 bn ■

Interest rates may stay higher than expected in 2024-25



Interest rates could remain higher than expected in 2024 and 2025 as global commodity prices level off, the World Bank said in a report released. The report also noted that a significant flareup in the Middle East could further stoke global inflation. "A key force for disinflation-falling commodity prices has essentially hit a wall. That means interest rates could remain higher than currently expected this year and next. The world is at a vulnerable moment: a major energy shock could undermine much of the progress in reducing inflation over the past two years," said Indermit Gill, Chief Economist, World Bank. The World Bank's index of commodity prices has remained unchanged since mid-2023.

The new Commodity Outlook projects prices are expected to decline 3 percent in 2024 and 4 percent in the following year. However, it noted that it is unlikely to have an impact on inflation, which has remained high across countries. "It will keep commodity prices about 38 percent higher than they were on average in the five years before the Covid-19 pandemic," it said. Experts have pushed the possibility of a cut by the RBI to the year's second half, given geopolitical concerns and the possibility of higher rates for longer in the US. The RBI's monetary policy committee held the policy rate at 6.5 percent for the seventh consecutive time at its meeting in April. "One critical factor behind this divergence relates to heightened geopolitical tensions that are keeping upward pressure on prices of major commodities and stoking risks of sharp price movements. Central banks must remain alert about the inflationary implications of commodity-price spikes amid elevated geopolitical tensions," said Ayhan Kose, Deputy Chief Economist, World Bank ■

R|Elan™ inspires the future of textiles at Bhiwandi Fabric Innovation Meet



Reliance Industries Limited (RIL)'s pioneering fabric brand, R|Elan™, recently hosted its highly anticipated "Fabric Innovation Meet", in Bhiwandi, Maharashtra. Attended by over 100 esteemed fabric manufacturers, designers, and trade dignitaries, the event marked a significant milestone in the evolution of sustainable and innovative textiles.

The cornerstone of this collaboration was the unveiling of R|Elan™ fabric innovations, meticulously crafted to meet the dynamic needs of today's consumers. Featuring a diverse range of fabrics that redefine style and creativity, the event showcased the relentless pursuit of innovation in the textile industry.

J Raghunath, Filament SBU Head, RIL, emphasized the importance of continuous innovation and outlined the industry's near and long-term growth perspectives. "Polyester is the fiber of choice in the textile industry, offering unparalleled availability, versatility, and quality," he remarked. "As Reliance continues to expand its polyester capacity, our focus remains on enhancing specialty and differentiated products."

Highlighting the need for a shift in mindset, Raghunath urged Bhiwandi to transition from a commodity-oriented approach to specialty fabric production. He advocated for the adoption of staple fibers and filament yarns from the R|Elan™ range, signaling a pivotal opportunity for the region to lead in textile innovation.

The innovative fabrics showcased at the event, including R|Elan™ GreenGold and R|Elan™ EcoGold from the sustainability range, R|Elan™ Kooltex and R|Elan™ FeelFresh from the performance range, and R|Elan™ FreeFlow and R|Elan™ SuperFeel from the aesthetics range, underscored R|Elan™'s commitment to eco-friendly textiles. These fabrics not only embody sustainability but also incorporate cutting-edge functionality, meeting the growing demand for high-performance apparel.

R|Elan™ represents the next generation of fabrics, engineered from specially crafted fibers and yarns using advanced technological expertise and Reliance Industries' robust R&D and testing systems.

The Fabric Innovation Meet served as a catalyst for industry stakeholders to explore the transformative potential of sustainable textiles, paving the way for a new era of environmental responsibility in fabric manufacturing ■

India set to sign trade deal with Oman to expand its Middle East ties

India and Oman will sign a trade deal in the coming months, two Indian Government officials said, as New Delhi seeks to expand its ties in the Middle East, where rising tensions are putting major shipping routes at risk. "It will help India with a strategic partner and access to key trade routes in a volatile region," one official told. India and Oman have annual trade of less than \$13 bn, but the relationship is important for New Delhi as the Gulf nation is a gateway to the narrow Strait of Hormuz between Oman and Iran, a major transit point for global oil shipments. Israel's war against Hamas in Gaza has spread to hostilities with Iran, and Yemen's Iran-aligned Houthi militants have launched repeated drone and missile strikes in the Red Sea area, claiming solidarity with the Palestinians in Gaza.



The trade deal requires the approval of the government that wins India's ongoing national elections, whose results are to be announced on June 4, the officials said. Prime Minister Narendra Modi is widely expected to win a rare third term. The officials asked not to be named as the discussions are private. India's trade and Foreign Ministries and Oman's embassy in India and Foreign Ministry did not respond to emails seeking comment. Making little progress on a deal with the Gulf Cooperation Council (GCC), India has pivoted to seeking bilateral deals with GCC member nations such as Oman and United Arab Emirates. The planned deal with Oman "also gives a competitive edge as GCC is negotiating trade agreements with Pakistan and China," the official said. Oman has agreed to eliminate duties on Indian exports worth an annual \$3 bn including agricultural products, gems and jewellery, leather, automobiles, medical devices, engineering products and textiles, the officials said India has agreed to reduce duties on some petrochemicals, aluminium and copper from Oman, while capping imports of such goods, the officials said ■

Indian economy remains in bright spot



The Ministry of Finance has emphasized that, unlike the global situation, the Indian economy remains robust, demonstrating significant growth across various sectors. "The optimism regarding growth prospects is also reflected in consumer and investor perceptions," according to the Monthly Economic Review report of the Department of Economic Affairs under the Finance Ministry. Many international organisations assert India's pivotal role in determining the growth path of Asia in the

coming years, the review report said. Reserve Bank of India also, in its latest Monetary Policy Committee meeting, noted the strong growth momentum in the economy and projected real GDP growth for 2024-25 at 7 per cent, driven by a pickup in rural demand and sustained momentum in the manufacturing sector.

The International Monetary Fund in its latest report forecasted India's growth at a high of 6.8 per cent in 2024-25 and 6.5 per cent in 2025-26, based on its assessment of continuing strength in domestic demand and a rising working-age population. "As per the latest consumer confidence survey, households' sentiments on the general economic situation and employment prospects recorded notable improvements for both the current period as well as the upcoming year," said the monthly review report of the Finance Ministry ■

CBSE collaborates with Pearl Academy to host capacity building program in textile design

Pearl Academy, in collaboration with the Central Board of Secondary Education (CBSE), hosted a one-day capacity-building training program for educators from CBSE-affiliated schools, in the field of Textile Design. Organised at Pearl Academy's Rajouri Garden campus in Delhi, the program provided a comprehensive platform for 65 teachers from Delhi and Chandigarh to refine their skills.



Participants were introduced to textile innovation adopted by some of the leading industry players such as Dupont and Lenzing Scholler in line with key sustainable practices. The sessions covered key areas, including the Basics of Fabric and Fibre Testing, Block and Screen Printing, Weaving Structure, and Innovation in Smart Textiles. Currently, only 42 government and government-aided schools in Delhi offer Textile Science, but this will soon transition to a more holistic program called Apparel Science. This transition aligns with sustainable practices by integrating textile science principles such as understanding fibres, dyeing techniques, and weaving methods into the existing curriculum ■

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Nairobi Gate launches one-of-a-kind textile park for international manufacturers in SEZ

Nairobi Gate Industrial Park, the first Special Economic Zone (SEZ), with a fully consolidated customs-control area in East Africa, has launched a manufacturing and warehouse park for the country's textile and apparel industry. The 100 000m² Textile Park will benefit tenants and create job opportunities in Kenya's second-largest manufacturing industry (after food processing). It will support the country's economy significantly, attracting foreign direct investment, especially in bulk infrastructure projects.

"The cotton, textile, and apparel industry in Kenya is rapidly growing – and this has resulted in an increased demand for modern manufacturing and warehouse facilities to enhance efficiencies and productivity," comments Dean Shillaw, Managing Director at Impact North, developer of the Nairobi Gate Industrial Park and a company formed by unlisted SA property investment group Improvon, and private equity investor Actis.

"Kenya is expected to become Africa's textile and apparel hub. Nairobi Gate's excellent location and SEZ status provides several financial and non-financial benefits for licensed tenants. With available land and capital, Nairobi Gate could be the first, and leading development in East Africa to offer a dedicated and sustainable textile park."

As an approved Special Economic Zone (SEZ), the 100-hectare Nairobi Gate offers fiscal benefits including corporate tax rate reductions from 10% – 30%, zero-rated VAT, reduced withholding taxes, preferential import duties, excise duty, import declaration fees, a 100% investment deduction allowance and lower business permit fees.

Shillaw believes that Kenya stands a good chance of capitalising on geo-political uncertainty in Ethiopia, traditionally a mainstay of international textile and apparel manufacturers because of the introduction of industrial parks in that country during the late-1990s.

The global Covid-19 pandemic, US-imposed sanctions in January 2022 that ended Ethiopia's preferential market access under the Africa Growth and Opportunity Act (AGOA) – its largest client – and ongoing conflict in northern Ethiopia, has forced international manufacturers occupying more than 2 million square metres of industrial space in Ethiopia to rethink their location.

Well-known international brands including Calvin Klein, Tommy Hilfiger, Michael Kors, Jockey, Dickies and Victoria's Secrets among others employ manufacturers like Hela Clothing, a Sri Lankan apparel manufacturer which pioneered the development of the apparel manufacturing sector in Africa. It has factories in Sri Lanka, Ethiopia, Egypt, and Kenya.

According to the group's 2022/2023 Annual Report, Kenya is the largest manufacturing facility outside of Sri Lanka employing over 4 000 people. The factory, one of the most extensive apparel manufacturing facilities, accounted for nearly 20% of Kenya's total apparel exports, and generated 39% in revenue – second to Sri Lanka at 46%, with Ethiopia contributing 7%. As a result of its stability and high economic growth, Kenya has emerged as a preferred location for many international tenants, especially since 2021, despite the country's lack of A-grade warehouse parks and facilities.

Shillaw says when looking for new space, tenants primarily consider location, the availability of labour, the available skillset, quality, and size of warehouses as well as utility costs. Nairobi Gate's new Textile Park is in the SEZ closest to the inland container depot and the Jomo Kenyatta International Airport. It furthermore offers easy highway access to regions North and South of Nairobi via the Thika Highway and is close to labour markets.

The consolidated customs-control area provides for sophisticated weighbridges and offers all regulatory services such as Kenya Revenue Authority (KRA), Kenya Ports Authority (KPA), Special Economic Zones Authority (SEZA), customs, and other agencies under one roof, significantly smoothing the administrative burden and increasing efficiencies.



▣ **Nairobi Gate's textile park sets a precedent for quality-built warehouse facilities and could act as a catalyst to drive growth in the market. It offers built-to-suit solutions based on tenant's requirements with units measuring from 5 000 m². The A-grade warehouses incorporate office components on the ground and first floors, with tenant allowances for partitioning, doors, ceilings, electrical lights, and painting. Viewing panels overlook the warehouse floors.**

"The development of the textile park at Nairobi Gate will address a significant need in the market while taking advantage of a growing textile industry, considering the increasing demand for clothing globally, and the lack of A-grade warehouse space in Nairobi."

Nairobi Gate's textile park sets a precedent for quality-built warehouse facilities and could act as a catalyst to drive growth in the market. It offers built-to-suit solutions based on tenant's requirements with units measuring from 5 000 m². The A-grade warehouses incorporate office components on the ground and first floors, with tenant allowances for partitioning, doors, ceilings, electrical lights, and painting. Viewing panels overlook the warehouse floors.

The warehouse component comprises a minimum 9 metre height to underside of the lowest eaves for racking, multiple roller shutter doors and on-grade dock access as well as large panel, FM2 steel fibre reinforced floors. Yards are 35 metres deep to allow for efficient truck circulation. Three-phase power is provided with optional solar back-up and individual utility metering.

"All our units are equipped with modern fire and safety provisions, such as smoke detection, fitted hose reels, fire extinguishers, and fire hydrants. The warehouses are fit for purpose, offering tenants plug-and-play convenience to International Labour Organisation standards," adds Shillaw. Globally, traditional textile parks employ about 100 mn people and started in emerging markets including India and Sri Lanka.

According to the Textile Global Market Report 2024 by Research and Markets, the textile industry is expected to grow from \$638.03 bn in 2023 to \$689.54 bn due to growing population, increased demand for man-made fibers, government initiatives supporting the textile industry, robust economic growth in emerging markets, and the implementation of restrictions on plastic usage. Shillaw says Kenya's textile and apparel industry has massive potential to create employment for the growing population while contributing positively to the economy ▣



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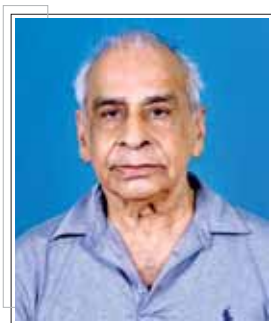
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Trade pact with ASEAN India faces tariff discrimination



S.VENKITACHALAM is a senior economic journalist with more than 40 years of experience, covering Industry, Commerce & Textile Ministries. In this article the author discusses about the trade pact with Asean India faces tariff discrimination.

If the Free Trade Agreements (FTAs) signed with several countries in the past have not been beneficial to India, the same is true of the FTA with Asean. The result: large scale imports into India, not envisaged by the government. Under the Asean trade pact, Bangladesh, a least developed country (LDC) gets duty free access. Similarly Vietnam though not an LDC receives the same treatment. Imports also include ready-made garments (RMG) and made-ups from Sri Lanka and Vietnam and even China, though it is not a part of Asean, adversely impacting the domestic industry.

Look at made-ups imports. Out of the total imports of 1,214 mn pieces in 2022-23, China accounted for as much as 325 mn pieces (nearly 26 percent) worth \$161mn compared to \$171 mn in preceding year, according to the Commerce Ministry. Bangladesh had a share of \$159 mn against \$147 mn during the same period.

The domestic sector is also concerned about cheaper imports of dyed knitted man-made-fibre fabrics from China. For instance, 1 kg of this item costs around \$3.50 whereas import price is \$1.41. The total import of fabrics which were 319 tonnes per day during 2019-20 increased to 672 tonnes per day during Apr-Aug 2023-24. Even cotton yarn imports surged 295 percent in 2022-23.

Official sources concede that in the earlier FTAs, the "diffidence" shown by New Delhi had led to the country's isolation and opened the door for products from Bangladesh and Vietnam. To prevent large scale imports a provision was incorporated in the customs act to ensure that FTA benefits are availed of correctly. Subsequently rules for implementing this provision were issued.

A new verification mechanism came into effect later, and is expected to curb the misuse. It requires importers to exercise due diligence before importing goods to ensure that they satisfy the Rules of Origin (ROO) criteria for eligibility of duty concession under FTA and declare this to the customs authorities. Supporting documents and information may also be sought by these authorities and in case of any doubt, deny the concession or allow it provisionally, pending verification. Extensive discussions had been held to sensitize them about the new rules and the need to keep a close eye.

Apart from the global economic slowdown, what has reduced demand has been the prolonged Ukraine-Russian war. The absence of FTAs with major markets of EU and US has also impacted India's exports to the extent of 15-20 percent. India-EU talks on a possible broad-based trade and investment agreement have been put off until after the general elections in India, due to begin on April 19th.

The global demand is for fabrics made from airjet and waterjet looms, warp knitting suitably processed using the latest technologies, including waterless and other eco-friendly dyeing technologies.

■ The global and apparel trade is expected to reach a level of \$1600 bn by 2025, by a compounded aggregate growth rate of 6.93 percent in the next decade. The EU and the US are the largest textile and apparel markets, with a share of 34 percent and 14 percent respectively. On the supply side, China is the largest supplier of textile and apparel with a dominant share of 40 percent.

Asean had some time ago agreed to review the trade pact. New Delhi however, wants some of the anomalies to be removed, chief among them is the inability of Indian exporters to get a level-playing field. For instance Indonesia had lowered duties on only 50 percent of the items, while close to 75 percent of its products were getting custom duty benefits in India. The same problem persisted in some of the other Asean countries, although those such as Indonesia, are not classified as LDCs. There are other deficiencies. Japanese automobiles can be imported into Thailand and Indonesia at 5 percent duty, while Indian cars face a 35 percent tariff. Same is the case with two-wheelers.

Indian rice face a 50 percent levy against the 35 percent among other Asean members. Another key concern for India is the ROO, meant to keep in check the treaty benefits by countries that are not a part of the agreement. The agreement requires that at least a 35 percent value addition in one of the member countries for a product to get duty advantage in India. Indian cotton spinners allege that China took advantage of the current ROO criteria to dump their finished goods at a predatory price affecting the domestic industry.

It was these reasons that India had pulled out of the Regional Comprehensive Economic Cooperation Agreement (RCEC) with Asean two years ago, arguing that the deal was not favorable to it. The deal could be misused by China to export to India several items like set-top boxes, copper and polyester. While India has data on import through its preferential duty route, corresponding members are inaccessible to it.

FICCI-Wazir advisors study says, the global and apparel trade is expected to reach a level of \$1600 bn by 2025, by a compounded aggregate growth rate of 6.93 percent in the next decade. The EU and the US are the largest textile and apparel

markets, with a share of 34 percent and 14 percent respectively. On the supply side, China is the largest supplier of textile and apparel with a dominant share of 40 percent. It is distinctly followed by countries like India, Italy, and Germany etc. with an approximate share of 5 percent in the global textile and apparel exports.

The textile sector witnessed a major shift in the last three decades, in terms of production bases. Until the 1980s, production was centered in the US and EU. But over a period of time, production shifted majorly to Asian countries. The shift was due to an attractive low cost manufacturing advantage in the developing Asian countries. As the production of textile commodities was becoming unprofitable for the manufacturers in the US and EU due to rising costs, they sought an alternative destination for the manufacture of textile products. Asian countries with availability of abundant and cheap labor, vast natural resources, and favorable economic policies were the most attractive destinations to manufacture textile products.

China has taken the maximum gain from this shift. After the liberalization of its industrial policies in the 1980s, China experienced a massive boost to industrialization. As a result, China became the hub of manufacturing. Over this period, China emerged as the biggest manufacturing base for textiles in the world, and remained the largest exporter of textiles and apparel in the world.



Other Asian economies such as India, Bangladesh, Indonesia, Pakistan, Vietnam, Cambodia, and Thailand also experienced upsurge in their textile and apparel manufacturing during this period. Now the US and EU have become the largest consumption bases while manufacturing is concentrated in Asian countries like China and India

India’s import of Fabrics											
Country	2018-19	2018-19	2019-20	2019-20	2020-21	2020-21	2021-22	2021-22	2022-23	2022-23	% Growth
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty
	000 Sq Mt	Mn	000 Sq Mt	Mn	000 Sq Mt	Mn	000 Sq Mt	Mn	000 Sq Mt	Mn	000 Sq Mt
Polyester Fabrics (5512)											
Total	22,845	21	21,916	24	12,180	16	28,156	28	33,269	30	46
China P RP	15,973	10	14,713	11	7,342	7	16,382	12	22,855	12	43
Thailand	807	1	1,123	1	757	1	1,472	2	2,122	3	163
Singapore	815	1	1,059	1	203	0	1,364	2	1,880	3	131
Indonesia	2,311	2	1,884	1	1,495	1	2,608	2	1,621	1	-30
Korea RP	616	1	646	1	485	1	984	1	1,402	3	127
Viscose Fabrics (5516)											
Total	82, 919	53	1,16,887	64	1,17,616	43	1,75,357	47	41,072	22	-50
China P RP	80,159	45	1,14,202	60	1,16,553	41	1,74,117	45	39,364	18	-51
U Arab EMTS	58	0.0	143		15		127	0	817	0	1,302
Hong Kong	769	1.1	1,127	1	589	0	546	0	332	1	-57
Spain	424	2	173	1	51	1	57	1	190	2	-55
Turkey	249	1	297	1	136	0	172	1	102	0	-59
India’s import of Garments & Made-ups											
Garments (61&62)											
Total	7,12,782	1,106	7,36,850	1,144	6,31,990	881	10,06,536	1,264	10,24,974	1,755	44
China P RP	5,21,609	302	5,18,708	330	4,50,982	298	6,88,990	298	6,71,183	340	29
Bangladesh P	1,09,162	365	1,30,169	401	1,27,546	292	1,98,164	523	2,66,856	753	144
Sri Lanka DSR	25,173	85	18,045	51	7,494	25	14,806	49	15,551	65	-38
Vietnam SOC	5,160	30	6,946	40	6,923	36	56,679	54	11,099	78	115
Spain	9,589	100	9,214	92	7,027	76	8,979	81	10,427	111	9
Madeups (63)											
Total	9,56,967	501	10,72,857	576	7,93,584	604	9,47,786	622	12,14,449	629	27
China P RP	2,36,011	179	2,76,811	172	1,52, 719	228	2,16,334	170	3,25,139	161	38
Bangladesh P	1,18,997	42	1,73,075	102	1,58,908	101	2,25,740	147	2,54,539	159	114
U Arab EMTS	56,835	25	69,651	28	46,798	18	59,195	23	1,23,486	25	117
USA	1,58,723	73	1,74,794	82	1,17,288	62	89,685	90	1,10,669	84	-30
Canada	58,044	21	53,436	21	47,883	19	68,881	30	86,025	38	48

AMANN Group opens state-of-the art production site in Ranipet

AMANN Group Germany has achieved a major milestone. The company's first production plant in Ranipet/India has officially opened. It is the most sustainable facility in their portfolio equipped with state-of-the-art technology to protect the environment. In Ranipet, AMANN will produce sewing- and embroidery threads of the highest quality for leather and apparel applications.

AMANN officially opens its first production plant in India in Ranipet/Tamil Nadu. AMANN has been represented in India since 2007 with sales offices in Chennai, Bangalore and Gurgaon. Today, the company is taking its business one step further and starts to manufacture its products in India preliminary for India.

Peter Morgalla, Member of the AMANN Board of Management and Chairman of AMANN India:

"We are very proud to put this plant into operation today. We have closed the gap and are now able to offer our customers a comprehensive network of sales offices, delivery options and short lead times throughout Asia. Moreover, we will also provide Technical Advisory Services for our customers to exploit the full potential of our products."

Key figures about the new plant

- Location: Ranipet/Vellore in Tamil Nadu within the "leather belt"
- Product scope: high quality sewing and embroidery threads for leather and apparel industry
- Production site space: 32,000 square meters
- Employees: 200

Not a single drop of wastewater into the ground

The investment into its new production site reflects on AMANN's serious commitment towards the environment. The latest production technologies reduce the amount of wastewater to a minimum.

Sustainability profile of the new plant

The investment into our new production site reflects on our serious commitment towards the environment:

- By using Zero Liquid Discharge (ZLD), all extracted water remains in a closed cycle system. Only 9% of fresh water has to be replenished due to evaporation.
- Energy demand is mostly covered by a comprehensive photovoltaic system, additional demand is supplied by a nearby wind and solar park.
- The boiler for steam production – important for the dyeing process of the threads – operates with biomass.

AMANN goes the extra mile

To AMANN, profit and good business conduct do not exclude each other. In their new production plant, the company has implemented

- Appropriate working conditions - audited and certified according to Indian Regulations and German Production Standards, annually reviewed
- Gender Equality
- AMANN Kindergarten / Creche
- Primary Healthcare

To its customers, AMANN will provide Technical Advisory Services including in-house training, material testing and analyses. Besides its high-quality product portfolio, AMANN also develops special threads together with its customers to fulfil their individual needs.

Sanjeev Grewal, Regional Business Director South West Asia and Middle East and Managing Director AMANN India, emphasises: "Success is always the result of a trustful collaboration. Our global brands and Indian customers are the key to our success. We are very grateful for our long-term business relationships which form the foundation for our today's role in the Indian sewing thread industry as quality and innovation leader" ■



Vietnam textile industry making green efforts to meet stringent requirements

Vietnam's textile and garment businesses are making a green push with development of eco-friendly products adapted to global fashion trends and by meeting the stringent requirements under free trade agreements the country has signed.

Fashion Link JSC (Faslink), a pioneer in supplying green materials to the fashion industry since 2008, constantly researches to come up with a variety of sustainable materials for the fashion industry, including yarns made from bamboo, lotus, seashell, coconut, mint, and coffee grounds.

Faslink CEO Tran Hoang PhuXuan said the company has partnered with Singtex, one of the leading providers of eco-friendly functional textiles in Taiwan (China), to produce yarns and fabrics from coffee grounds. Faslink is the first company in the world to commercialise shirts made from coffee yarns and sells them in the domestic market. She said this high-tech yarn, made from used plastic bottles and coffee grounds, is environmentally friendly, deodorising, fast drying, and UV-resistant and has many different applications. Xuan added that more than 40 fashion brands in the domestic market have used this sustainable material to produce millions of products.

Her company has a project in collaboration with Singtex to collect coffee grounds in Vietnam, she said, pointing out that since Vietnam is the world's second largest coffee exporter it could supply a huge amount of this raw material.

Nguyen ThiTuyet Mai, General Secretary of the Vietnam Textile and Apparel Association, said: "Green transformation in the garment and textile industry is mandatory to catch up with commitments under new generation FTAs. "Vietnam's textile industry has embarked on a transformation since 2018 with the 'Greening Vietnam's Textile Sector' programme. In this ... journey, many businesses, including Faslink, have researched and launched environment-friendly fabrics made from lotus, mint, pineapple, and, especially, coffee grounds."

Huge potential market

Xuan cited a recent report by Coherent Market Insights as saying the global sustainable fashion market was worth 7.8 billion USD in 2023 and is projected to reach 33.05 billion USD by 2030, a compounded annual growth rate of 22.9%.

Sustainable fashion encompasses various practices aimed at reducing environmental and social impacts, such as excessive water consumption, pollution, unethical labour practices, and the production of vast amounts of waste.

Rising consumer awareness of environmental sustainability and social responsibility has caused a surge in demand for sustainable fashion alternatives. Simultaneously, stringent governmental regulations mandating sustainable practices further foster market expansion, according to the report. While many countries around the world have gone a long way in sustainable fashion, it is still in its infancy in Vietnam, according to experts.

Traditional clothing production is resource-intensive and contributes to pollution and greenhouse gas emissions. Sustainable fashion brands focus on minimising these impacts by using eco-friendly materials, reducing waste and adopting responsible manufacturing practices, they said.

Pham Chi Nhu, CEO of Coolmate, a Vietnamese menswear brand, said: "Sustainable fashion is an inevitable trend. The new generation of consumers, especially Gen Z ones, not only pays attention to design and material when choosing a fashion item but also cares a lot about the product's story, especially its sustainability aspect." He said coffee fabric has the advantages of cooling, quick drying, UV protection, and odor control. It is suitable for making men's clothing and is widely accepted among eco-conscious consumers. But the prices of sustainable clothing products are admittedly relatively high, making them less accessible to the masses, he said. He added that coffee grounds fibre is mainly used to make fabrics for formal clothing and not sportswear, reducing customers' choices.



Mai said: "This is the time for businesses to go green and make the digital transformation. Fashion products nowadays must not only cater to the needs of customers to dress well, but also be close to nature, protect the environment and be safe to users' health."

To enable businesses to overcome cost barriers and promote sustainable fashion, she said policymakers need to consider tax incentives for firms involved in collecting and producing recycled and environment-friendly products



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Turning Fashion Waste into a Green Revolution

A Look at the Circular Economy in Apparel and How Eco-Friendly Brands are Combatting Textile Waste



SENTHIL SANKAR

Managing Partner, Shree Renga Polymers. He pursued Mechanical Engineering at Vellore Institute of Technology and thrived with first-class distinction. He then went on with his constant endeavour to upgrade his managerial skills with the executive education program at Indian Institute of Management, Ahmedabad. He also worked with TATA Consultancy Services for 3 years. He is now an entrepreneur, industrialist and an Angel Investor with 14+ years of staunch industry experience.

The fashion industry is infamous for its rapid pace of change, with trends coming and going faster than most of us can keep up. While this dynamism keeps consumers engaged and constantly seeking the latest styles, it also generates a tremendous amount of waste. The linear approach of "take, make, dispose" has contributed to an environmental crisis, with textile waste being a significant component of this problem. In recent years, there has been a growing emphasis on adopting a circular economy model in the fashion industry, aimed at transforming fashion waste into a green revolution. This article explores the concept of the circular economy in apparel and how eco-friendly brands are leading the way in combating textile waste.

The Linear Fashion Model and its Consequences

The traditional fashion industry operates on a linear model, which begins with the extraction of resources, such as cotton and polyester, and ends with the disposal of clothing once it is no longer in vogue. This linear approach results in significant waste, from the cutting room scraps in garment production to the discarded items in consumers' wardrobes. The Environmental Protection Agency (EPA) estimates that 15.1 million tons of textile waste were generated in 2013 in the United States alone.

Such waste has dire environmental consequences. The textile industry is a major contributor to greenhouse gas emissions, water pollution, and excessive use of resources. In addition, the synthetic fabrics commonly used in clothing can take centuries to decompose, exacerbating the problem of overflowing landfills. The linear model is unsustainable, and it's time for a shift towards a circular economy.

The Circular Economy in Apparel: A Sustainable Alternative

The circular economy is an alternative approach to traditional linear economic models. In a circular economy, products and materials are designed with longevity, reusability, and recycling in mind. The goal is to minimize waste and keep products and materials in circulation for as long as possible. In the context of the fashion industry, a circular economy approach aims to make clothing more durable, easier to repair, and ultimately recyclable. This paradigm shift has the potential to address the environmental challenges posed by the current fashion industry model.

Key Principles of a Circular Fashion Economy

1. Design for Longevity: One of the primary principles of a circular fashion economy is to design clothing that is built to last. This includes using high-quality materials, strong construction, and classic designs that won't quickly go out of style. By creating garments that can withstand the test of time, consumers are less likely to dispose of them after only a few wears.



- 2. Reduce, Reuse, Recycle:** The classic mantra of environmentalism holds true in the fashion industry. Reducing consumption by buying less and making use of what we already have is a fundamental part of the circular economy. When clothing does reach the end of its life cycle, it should be reused or recycled. This can involve repurposing old garments, transforming them into new items, or breaking them down to create new fabrics.
- 3. Ethical and Sustainable Materials:** The materials used in clothing production play a crucial role in the circular fashion economy. Sustainable, eco-friendly, and recyclable materials are prioritized. This includes using organic cotton, recycled polyester, and innovative materials like Tencel and hemp. These choices reduce the environmental impact of clothing production.
- 4. Efficient Supply Chains:** Efficient supply chains that minimize waste are another crucial aspect of the circular fashion economy. This involves optimizing production processes to reduce inefficiencies, using technology to forecast demand accurately, and minimizing overproduction.
- 5. Consumer Education:** Educating consumers about the environmental impact of their fashion choices is vital in the transition to a circular economy. Encouraging responsible consumption and teaching consumers how to care for their clothing to extend its lifespan is essential.

Eco-Friendly Brands Leading the Way

A growing number of eco-friendly brands are at the forefront of the circular economy movement in fashion. They are championing sustainability, transparency, and innovation in an industry that has been notorious for its environmental impact. These brands are taking a multi-pronged approach to combat textile waste:

- 1. Upcycling and Repurposing:** Many eco-friendly brands are embracing the concept of upcycling and repurposing. They take old garments and materials and transform them into new, unique pieces. This not only reduces textile waste but also adds a creative and personalized element to fashion.
- 2. Recycling Initiatives:** Several brands have adopted recycling initiatives, encouraging consumers to return their old clothing for recycling. These initiatives often involve breaking down old garments to create new textiles, reducing the need for virgin materials and lessening the environmental footprint.

- 3. **Waste Reduction in Production:** Eco-friendly brands often prioritize waste reduction in their production processes. This includes using innovative cutting techniques to minimize fabric waste, efficient pattern making, and careful sourcing of sustainable materials.
- 4. **Sustainable Materials:** Many eco-conscious brands are committed to using sustainable materials, such as organic cotton, recycled fibers, and biodegradable textiles. These materials are not only eco-friendly but also high quality, ensuring that the resulting garments have a longer lifespan.
- 5. **Transparency and Accountability:** Transparency is key in the circular fashion economy. Eco-friendly brands are more likely to provide information about their supply chain, materials, and production methods. This transparency allows consumers to make informed choices and hold brands accountable for their environmental practices.



The Future of Circular Fashion Economy

Despite the challenges, the circular fashion economy is gaining momentum. Eco-friendly brands and consumers alike are recognizing the urgency of addressing textile waste in the fashion industry. With innovations in materials, production methods, and consumer awareness, there is a growing movement towards a more sustainable and eco-friendly fashion industry.

As we move forward, the fashion industry's future must be one that prioritizes sustainability and embraces the circular economy model. It's a revolution driven by the need to protect our planet and ensure a more responsible, ethical, and environmentally friendly approach to fashion.

The circular fashion economy offers a promising solution to the environmental issues caused by the linear fashion model. Eco-friendly brands, driven by sustainability and innovation, are leading the charge to combat textile waste. As consumers become more conscious of their fashion choices and advocate for change, the fashion industry can transition to a circular economy, turning fashion waste into a green revolution. In this transformation, we can find hope for a more sustainable and eco-friendly future in fashion



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Lectra unveils the new version of its collection management software, Kubix Link PLM, to the fashion industry

Lectra, a major Industry 4.0 player in the fashion, automotive and furniture markets, announces a major development of its SaaS platform dedicated to collection management for the fashion sector: Kubix Link 3.4. This new version improves optimization at each phase of bringing a product to market, from design to marketing. Its launch goes hand in hand with that of Kubix Forms, a solution that simplifies the collection and integration of data from third-party users on the Kubix Link platform.

To maintain their profitability in the face of current economic instability and intense competition, fashion brands must reduce their costs. While collection renewals are accelerating, brands must also optimize their production operations. Finally, they must respond to increasing requirements in terms of sustainability, compliance and traceability.

In this context, it has become absolutely essential to have information that is as accurate and up-to-date as possible at each stage of the product lifecycle. Fashion brands also need to be able to very simply and easily share this product information with all those involved in the design, manufacture, distribution and marketing of their collections.

A better user experience with Kubix Link 3.4

With Kubix Link PLM, Lectra already had a cloud-hosted SaaS platform offer that included functions for product lifecycle management (PLM), product information management (PIM) and data asset



management (DAM). Kubix Link 3.4 enhances the user's experience through new media organization (photos, videos), greater data storage capacity, increased flexibility in using the tools offered, as well as improved translation to facilitate cooperation between multilingual teams.

This new version also provides transparent integration of third-party solutions, similar to AccuMark, Lectra's patternmaking software, or the brand new offer, Kubix Forms. This is being launched in parallel with Kubix Link 3.4 to make it easier for fashion brands to collaborate with their external partners.

"Kubix Link is already used by 300 customer brands and we are the European leader in product data management and collaboration. We want to go further by continuing to develop innovative solutions to respond to the new needs of our customers. The fashion industry evolves very quickly. We are happy to be able to participate in this transformation by providing responses based on our mastery of new technologies and our expertise in each sector, gained

from Lectra's experience working hand in hand with the most renowned fashion brands for over 50 years," explains François Gonnot, Product Marketing Director at Lectra.

Broader collaboration made simpler with Kubix Forms

Launched at the same time as Kubix Link 3.4, Kubix Forms revolutionizes the collaboration between fashion brands and their partners. Third-party users can fill out and expand the information available on Kubix Link. It is now possible to overcome traceability challenges by retracing the origin of textiles and calculating their carbon footprint, to check production quality and interact transparently with suppliers and brands to obtain product information more easily. Automatic response integration in Kubix Link ensures that work flows smoothly, reducing time spent on manual data entry, and promotes data enrichment in a secure manner for brands.

François Gonnot concludes, "Fashion brands need more transparency, traceability, compliance and collaboration. The Kubix Forms offer gives them the opportunity to make significant advances in optimizing their business processes and maximizing their operational efficiency, regardless of their size. With the integration of Kubix Forms, Lectra is providing a proactive response to the growing demand for smooth collaboration with third-party users. We therefore offer a significant competitive advantage to customers who trust us to actively contribute to their growth and success" ■

Devan Chemicals presents "Devan Stain Release", a PFC-free release technology for water and oilbased stains

RONSE- Devan Chemicals, a global leader in innovative textile solutions, proudly announces the launch of its latest breakthrough in textile finishing technology "Devan Stain Release". With a focus on sustainability and performance, the company is proud to launch a release technology that ensures that both water and oilbased stains can easily be washed off.

Devan's new release finish prevents water and oilbased stains such as ketchup, mud, grass, tea, vegetable and corn oils from adhering deeply to the fibres and allows stains to be washed off easily from the surface. The technology combines both stain release and wicking properties, making it ideal for applications where this dual benefit is required.

"We are thrilled to introduce this release technology to the market," says Dr. Roberto Teixeira, Chief Technology Officer at Devan Chemicals. "Our team has worked very hard to develop a solution that not only provides exceptional stain release but also aligns with our commitment to sustainability. This technology is PFC-free and has 40% of bio-based content. By offering effective protection against both water and oilbased

stains, we are empowering consumers to enjoy their textiles with confidence, knowing they are protected against everyday spills and mishaps."

Thanks to Devan Stain Release, stains can easily be washed off in home laundries, even at low temperature. The solution is most effective for cotton and cotton blends, but will also enhance the performance of synthetics.

Key features of Devan's release technology include:

- Sustainable formulation: the technology is PFC-free, and with 40% of bio-based content.
- Easy to apply: Unlike many PFC-based solutions that require mixing of multiple products, Devan Stain Release is an easy to apply and ready-to-use product that doesn't necessitate mixing of different products.
- The finish doesn't require reactivation after washing at home with high temperature. Soft handle is maintained.

Devan Stain Release is applicable across a wide range of textile applications, including school uniforms,



garments, workwear, apparel, home textiles, bedding accessories and mattress ticking.

In addition, the technology also enhances the longevity of fabrics by reducing the need for frequent washing, ultimately contributing to a more sustainable consumption cycle.

Devan remains committed to innovation and sustainability, continuously exploring new avenues to revolutionize the textile industry and address the evolving needs of consumers worldwide ■

Archroma, G-Star Raw and Advance Denim promote cleaner denim production

With the aim to help the denim industry reduce the environmental impact of its wastewater and move towards circularity, three leaders from across the denim supply chain have renewed their joint commitment to the production of aniline-free denim apparel based on Archroma’s DENISOL® PURE INDIGO 30.

Archroma, a global leader in specialty chemicals towards sustainable solutions, has been working with innovative Dutch denim brand G-Star RAW and sustainable denim leader Advance Denim since 2019.

Their joint aim is to produce high-quality denim in authentic blue shades without the aniline impurity carried through from the synthesis of standard synthetic indigo. In traditional denim production, this aniline remains bound with the indigo pigment on the fabric; the remaining aniline is discharged during the dyeing and washing process. This can be a problem because aniline is toxic to aquatic life and two-thirds of aniline waste currently ends up in wastewater discharge where it could potentially pollute waterways and the ocean.

Archroma developed DENISOL® PURE INDIGO 30 to answer this key challenge. A 30 percent pre-reduced indigo solution, DENISOL® PURE INDIGO 30 makes it possible to produce indigo-dyed denim without aniline impurities throughout the process.

Easy to use with automated dosing, DENISOL® PURE INDIGO 30 significantly reduces the water needed for preparation, washing and wastewater treatment compared to indigo grains. It also reduces hazardous chemical consumption while allowing high reproducibility and creating the authentic and iconic deep indigo shades traditionally associated with denim.

“If we remove aniline from the indigo dyes, we also remove it from the denim production process and its wastewater, and thus eliminate the risk of pollution. Denim that is free of aniline can also be more efficiently and sustainability recycled and reused, making circularity a more viable option,” Umberto De Vita, Market Segment Director for Denim, Archroma Textile Effects, said. “We are delighted to see trendsetters like G-Star RAW ramping up aniline-free production with DENISOL® PURE INDIGO 30, proving that sustainability is achievable with improved productivity and authentic deep indigo shades.”

“To be here as the denim brand in the future, G-Star RAW challenges industry standards,” Rebecka Sancho, G-Star RAW said. “We push boundaries in our journey to further close the loop by using sustainable materials, clean chemistry and by designing for durability and reuse. DENISOL® PURE INDIGO 30 helps us to minimize pollution and improve the environmental impact of our products without compromising on iconic indigo colors.”

G-Star RAW is working towards making 20 percent of its entire collection from Cradle to Cradle Certified® fabrics by 2025. Its partnership with Archroma



and Advance Denim contributes to this goal, since the aniline-free DENISOL® holds a Gold Level Material Health Certificate from the Cradle to Cradle Products Innovation Institute. DENISOL® PURE INDIGO 30 is also compliant with other major eco-standards and the requirements of leading retailers and brands.

“As a company that is dedicated to the production of denim that is both authentic and sustainable, Advance Denim is proud to work with industry innovators like Archroma and G-Star RAW,” Amy Wang, Managing Director, Advance Denim, said. “We were the first mill in China to launch an aniline-free collection with Archroma and our new plant in the resort town of NhaTrang in Vietnam is a 100 percent aniline-free indigo factory with DENISOL® PURE INDIGO 30 by Archroma.”

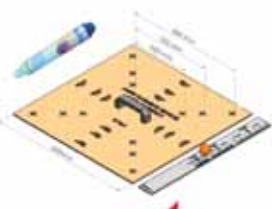
Johan Van den Heede, Director – Europe Marketing, Advance Denim, added, “We are honored to stand alongside Archroma and G-Star RAW to pioneer cleaner denim production methods that reflect our unwavering commitment to sustainability and innovation.”

Advance Denim’s aniline-free indigo collection offers various rich authentic indigo shades in different yarn characters and sustainable fiber compositions with multiple innovative constructions. Advance Denim, G-Star RAW and Archroma have previously collaborated to launch collections based on Archroma’s EarthColors® technology, which upcycles plant waste from the herbal industry to create sustainable colorways.

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Kyocera launches the 'TRUE BLUE TEXTILE' project to promote the new 'Wear to Save Water' fashion concept

In 2023, Kyocera Corporation released its new sustainable inkjet textile printer, "FOREARTH," which aimed to reduce water usage for textile printing to virtually zero, addressing environmental issues such as water pollution in the textile and apparel industry. Concurrently, the 'TRUE BLUE TEXTILE' project, centered on a 'Wear to Save Water' fashion concept, was launched to enhance consumer awareness of environmental issues. The project featured textile design exhibits by Anrealage and Vantan Design Institute, coinciding with World Water Day 2024 from March 22 to 24.

'TRUE BLUE TEXTILE' promotes a new 'Wear to Save Water' fashion concept that encourages consumers to learn and think about the environmental issues in the textile and apparel industry by wearing sustainable fashion. 'TRUE BLUE TEXTILE' fabric was printed by Kyocera's FOREARTH water free concept digital inkjet printer with patterns based on the Niyodo River in Kochi Prefecture, which boasts the best water quality in Japan.

A total of five outfits were produced for the project by ANREALAGE - a company founded by Kunihiro Morinaga, who endorsed the aims of this project - and the Vantan Design Institute, which has produced numerous globally renowned designers. Through these initiatives, Kyocera is committed to tackling environmental issues affecting the textile and apparel industry.

About the 'TRUE BLUE TEXTILE' Project

Until now, the textile and apparel industry has used vast amounts of water in processes such as steam and washing when dyeing fabrics, and water pollution resulting from this wastewater has become a global environmental problem. In addition, the problem of mass disposal due to overstocking is also under scrutiny, requiring an immediate response. To help address these issues, Kyocera has developed the new FOREARTH inkjet textile printer, which reduces water use to the absolute minimum by combining inkjet technology for high-speed, high-quality printing with the ink and equipment development technology of Kyocera Document Solutions. The 'TRUE BLUE TEXTILE' project is an initiative to nudge people to think about the significance of 'Wear to Save Water' by choosing garments with sustainable fabrics.

'TRUE BLUE TEXTILE' is printed using FOREARTH, featuring the surface of the Niyodo River in Kochi Prefecture, which has been voted the river with the best water in Japan eight times in ten years*2 in a nationwide first-class river water quality survey conducted by the Japanese Ministry of Land, Infrastructure, Transport, and Tourism. Donning these garments allows the wearer to both protect beautiful water by wearing beautiful clothes and express their willingness to protect the environment and save the future of water.

'TRUE BLUE TEXTILE' Project realized with collaboration by leading designers in the Japanese apparel industry

For the launch of 'TRUE BLUE TEXTILE,' dresses were created by ANREALAGE, the brand established by Kunihiro Morinaga and budding designers at leading Japanese design school Vantan Design Institute, which is also Morinaga's alma mater.

Kunihiro Morinaga (ANREALAGE) Design Concept

Morinaga's 'Water Drop Collection' is an earth-shaped garment inspired by a drop of water in circulation.

The water cycle begins with a single drop. It takes the form of the first drop of seawater or water on the earth's surface that evaporates, becomes clouds in the sky, and eventually turns into rain or snow. This epitomizes the 'FOREARTH' concept, which reduces water consumption by 99% *3 compared to conventional textile printing.

Vantan Design Institute Design Concept

'Water Metamorphose' is fashion inspired by the movement of water, created by a fresh new emerging talent. Water changes its form depending on



■ 'TRUE BLUE TEXTILE' promotes a new 'Wear to Save Water' fashion concept that encourages consumers to learn and think about the environmental issues in the textile and apparel industry by wearing sustainable fashion.

temperature and conditions. It sometimes comes down in gentle waves and sometimes in torrents as rain that benefits us all. There is also the strength and beauty of the ever-changing appearance of water as it freezes taut and eventually melts and flows; this constantly changing nature is perhaps precisely why water fascinates us so much. Vantan's designs explore water's constantly shifting forms in three design types: wave, waterfall, and ice.

About the 'FOREARTH' Inkjet Textile Printer

'FOREARTH' reduces the amount of water used during the printing of fabrics to almost zero, thus eliminating the need for specialized equipment to steam and wash the fabric, which is conventionally used in the pre- and post-treatment processes of textile printing. This contributes to a significant reduction in energy consumption and CO2 emissions. Furthermore, the system provides a soft feel to the fabric, which is important in the textile and apparel industry, and realizes high-definition printing on a wide variety of fabrics, including cotton, silk, polyester, nylon, and blended fabrics.

*1 Printing of patterns on fabrics.

*2 Water quality status of first-class rivers in Japan, published by MLIT (2012-2016 and 2018-2020) ■

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Why 70% of garment manufacturers fail at phase two of digital transformation



In today's fast-paced digital world, many businesses find themselves visited by tech companies and business groups promising to help them digitize. Yet, for many, this journey isn't as straightforward as hoped, often due to limited resources. Plus, when suppliers claim their tech solutions can effortlessly digitize factories, it begs the question: Is digital transformation really that easy?

Particularly for the textile and garment industry, which deals with heavy labor, environmental concerns, complex equipment, and the need for quick responses, digital transformation comes with its own challenges. Employee resistance and equipment compatibility issues frequently obstruct progress. For factories steeped in traditional processes, starting on the path to digital transformation can feel like hitting a roadblock right out of the gate.

Whether you're directly interacting with suppliers or making the big decisions for your company, understanding the right approach is crucial to fast-tracking digital transformation. This guide aims to simplify the journey, keeping things straightforward yet professional and modest.

The Overall Impact of Digital Transformation on Businesses

Digital transformation affects more than just a company's technology; it also affects how the organization operates and how individuals perform their duties. By turning digital, organizations can not only improve the workplace and foster a more open and collaborative culture, but they can also employ automation and process improvement to reduce their dependency on human resources, saving money. As the situation evolves, anyone who knows how to operate a computer and access the internet can join the manufacturing line. This not only helps the manufacturing industry reduce personnel expenses and turnover, but it also makes the industry less reliant on the skills of new workers, increasing output efficiency and giving enterprises more independence.

Customers benefit from improved service now that everything is digital. Businesses can use digital tools to provide more personalized and convenient services while also improving the efficiency of their operations and customer service. Businesses can use online management solutions to allow workers to work from home while managing operations in real time, making operations more efficient and flexible. Digitization is a key strategy for modern businesses since it enables them to be more competitive, efficient, and innovative.

Selective Digitalization: A Strategic Approach in Manufacturing

When manufacturing businesses consider their digital transformation plans and challenges, they must consider more than just new technologies and a shift in business practices. They must also consider the needs and critical processes of each unit within the industry. Many businesses prefer to digitally transform only the most crucial aspects of their operations rather than going all-in on digitalization. Selective digitalization refers to the digitization of specific production lines or processes rather than the entire manufacturing chain.

But, while this strategy considers how resources are used and how advanced technology is, it also introduces new issues. The main issue is the difficulty in connecting different platforms. As the digitalization process progresses in stages,

By turning digital, organizations can not only improve the workplace and foster a more open and collaborative culture, but they can also employ automation and process improvement to reduce their dependency on human resources, saving money. As the situation evolves, anyone who knows how to operate a computer and access the internet can join the manufacturing line.

systems established at different stages frequently have difficulties integrating smoothly. This is especially confusing for employees who do not work in IT. People who work in purchasing, sales, manufacturing lines, and other areas frequently question why systems can't be linked and perform better together.

To address this challenge, businesses must invest in areas other than technology. They should also invest in group management and staff training. This includes creating a uniform digital platform strategy to help different systems interact and be interoperable. It also includes improving digital skill training for employees so that they can better understand and deal with technical and management issues that develop during the digital transition process. This is the only way for enterprises to overcome the systemic integration challenges associated with selective digitalization, proceed with entire digital transformation, and remain competitive in a highly competitive market.

The Stages of Digital Evolution in Garment Manufacturing

Clothing manufacturers can take three important stages to become more digital: digitization, digital optimization, and digital transformation. Each stage has its own set of goals, as well as technical tools or systems that assist clothing manufacturing in becoming more efficient, cutting costs, becoming more competitive, and finally developing new methods to manage their operations in a rapidly changing market.

During the digitization stage, garment factories start by transferring old business processes and data to digital formats, then use ERP systems to combine manufacturing, procurement, inventory management, and financial reporting, and finally digitize the design process with CAD software. The major goal of this stage is to increase data accuracy and accessibility, setting the groundwork for future optimization and innovation.

During the digital optimization stage, garment factories begin to study and improve existing digitized data and processes. This includes using modern

production scheduling and inventory management systems to eliminate waste, as well as installing automated manufacturing equipment like automatic cutting and spreading machines to improve production efficiency. Predictive analysis tools are important at this stage because they assist forecast market trends and consumer demand.

Additionally, AI, which has become a hot topic in recent years, may be used to thoroughly evaluate enormous volumes of data, improving production efficiency and the ability to respond to market changes. AI technology, including as machine learning algorithms, can be used in predictive analysis to help garment factories foresee market trends, consumer demand, and inventory needs, thereby optimizing production planning and management. Furthermore, AI can contribute to automated manufacturing equipment, such as AI fabric inspection machines, by enhancing quality control automation through the use of machine learning algorithms and image recognition technology.

In the final stage of digital transformation, garment factories use digital technologies to make substantial changes to their business models and market positioning. E-commerce platforms allow for direct sales to customers, while CRM systems improve customer service quality and facilitate personalized sales methods. Furthermore, AI's function becomes even more important, particularly in developing new business models and providing individualized customer support. Garment factories can utilize AI to create smart recommendation systems that provide consumers with individualized shopping experiences and 24/7 customer care via chatbots. The use of IoT technology not only increases supply chain transparency, but it also improves operational efficiency and product quality through smart manufacturing processes and tracking.

The digital transformation of garment factories is a multi-phase process that begins with the digitalization of old operations, progresses to digital optimization to improve efficiency and quality, and concludes in a fundamental shift in business models and marketing tactics. Throughout this journey, Artificial Intelligence (AI) plays an important role, not only by increasing production power and quality control through predictive analytics and automation during the optimization phase, but also by driving changes in business models and customer service innovations during the transformation stage. This transition not only improves the market responsiveness and competitiveness of garment manufacturers, but it also creates new opportunities for providing more personalized and high-quality customers experiences, demonstrating the importance and value of technological innovation in today's fashion sector.

The Critical Challenge: Cultural Transformation and Strategic Planning

Digital transformation represents a significant leap for enterprises, but research by renowned thought leaders like McKinsey and Harvard Business Review indicates that approximately 70% of businesses fail in their digital transformation efforts. These failures are often not due to flaws in the technology or business innovations themselves but are the result of poor planning, communication barriers, frequent changes in strategy, and a lack of support and sense of belonging among the teams affected by the changes. Among the three main stages of digital transformation, the often-overlooked "cultural transformation" is actually a key element of success.

Four Pillars of a Smooth Digital Transition

In the highly competitive business environment of today, embracing digitization is key for enterprises to capture every competitive advantage available. Since 2018, over 89% of senior executives have prioritized a digital-first strategy, a trend that has only grown in subsequent years. However, barriers such as poor communication and incomplete planning remain significant obstacles to successful digital transformation.

To ensure the success of digital transformation efforts, the following four strategic preparation and implementation steps are crucial:

- **Identifying the Starting Point:** Assess the current level of digitization of systems and resources, determine which areas are already digitized, which require the introduction of IoT technologies, and whether you rely on a modern, scalable ERP system. Prioritize processes critical to business operations and choose the most straightforward digitization path.



- **Defining Priorities:** Before fleshing out all the details, clarify the preliminary focus of the transformation plan. Recognize that digital transformation cannot be achieved overnight; establishing achievable goals is essential.
- **Planning the Blueprint:** An excellent digital transformation blueprint should balance flexibility and sustainable growth. Start with a few key, attainable goals, including robust change management and transition strategies. Remember, digital transformation is as much about technology as it is about people's transition.
- **Preparing the Team:** "Things do not change; we change." Although digital technology can alleviate repetitive tasks, boost employee engagement, and facilitate collaboration, the full benefits are realized only when the entire workforce is committed to the goal. Engage in open communication, actively seek employee feedback, address their concerns, and allow ample time for adaptation to change.

A successful digital transformation transcends mere technological updates; it requires a deep transformation of corporate culture and strategy. Businesses must understand that true transformation involves the participation and contribution of every employee. Developing a culture that is adaptable to the digital age is key to long-term development and innovation. With thorough preparation, clear execution steps, and an open, inclusive communication approach, enterprises can effectively overcome the challenges of digital transformation, thereby optimizing business processes, enhancing efficiency, and strengthening market competitiveness. Central to this process is positioning employees at the heart of change, fostering a culture attuned to the digital era, which is the cornerstone of successful digital transformation.

Conclusion

Facing digital transformation, enterprises, especially in the textile and garment industry, must overcome multiple challenges, including changing employee perceptions, equipment compatibility issues, and the urgent demands of the market. These factors often hinder the progress of digitization. While selective digital transformation strategies consider resource allocation and technological maturity, they also introduce challenges in system integration. Difficulty in achieving seamless integration between different systems, especially for employees outside the IT domain, poses significant confusion. Overcoming these challenges requires efforts beyond technological aspects, including organizational management and employee training.

In this context, Oshima, a Taiwanese garment equipment manufacturer with over half a century of industry experience, not only provides professional equipment manufacturing services but also stands as a strong supporter in the digital transformation process of enterprises. Oshima deeply understands the unique needs and challenges faced by the textile and garment industry. With its expertise in digital laying machines, AI inspection machines, and other cutting room equipment, Oshima helps your business maintain competitiveness in the digital age, achieving continuous growth and development. The process of digital transformation necessitates a comprehensive adjustment of strategies, technological updates, and a deepening of organizational cultural reforms. With its rich industry experience and professional technical capabilities, Oshima becomes a reliable partner on your digital transformation journey ■

{ Contributed by Oshima Apparel Machinery (Taiwan) }

Market dynamics and key players

Asia's textile sizing chemicals landscape

The Asia Textile Sizing Chemicals Market serves as a crucial component of the region's textile industry, supporting the production of high-quality fabrics for diverse applications. Textile sizing chemicals play a pivotal role in enhancing the performance, appearance, and durability of yarns and fabrics during the weaving process. With Asia being a key hub for textile manufacturing, the market for sizing chemicals experiences robust growth driven by increasing demand for textiles in both domestic and international markets.

As per newly-released data by Persistence Market Research on textile sizing chemicals market shows that sales are expected to reach around US\$ 389.9 million by the end of 2022, registering a Y-o-Y growth of approximately 5.9%. The market of Asia textile sizing chemicals is projected to witness a CAGR of magnitude 7.0% over the period of 2022 and 2033 on a value basis.

Market Growth Factors

Expanding Textile Industry in Asia: The rapid expansion of the textile industry in Asia, fueled by factors such as population growth, urbanization, and rising disposable incomes, drives market growth for sizing chemicals. Countries like China, India, Bangladesh, and Vietnam are major contributors to the global textile market, generating significant demand for sizing chemicals to support their manufacturing operations.

Technological Advancements in Textile Processing: Technological advancements in textile processing techniques and equipment contribute to the growth of the sizing chemicals market in Asia. Innovations in sizing formulations and application methods enable manufacturers to achieve superior fabric properties, such as strength, smoothness, and abrasion resistance, while optimizing production efficiency and cost-effectiveness.

Increasing Demand for Specialized Textiles: The growing demand for specialized textiles, including technical textiles, functional textiles, and performance apparel, drives market growth for sizing chemicals in Asia. These sectors require fabrics with specific properties, such as moisture management, flame retardancy, and antimicrobial properties, which can be achieved through the precise application of sizing chemicals during the weaving process.

Focus on Sustainability and Environmental Compliance: Environmental regulations and consumer preferences for sustainable products are influencing the development of eco-friendly sizing chemicals in Asia. Manufacturers are investing in research and development to formulate sizing agents that minimize environmental impact, reduce water and energy consumption, and comply with stringent regulations governing chemical usage in textile production.

Shift towards Water-Based Formulations: There is a notable shift towards water-based sizing formulations in the Asia Textile Sizing Chemicals Market, driven by concerns over environmental sustainability and worker safety. Water-based sizing chemicals offer advantages such as reduced VOC emissions, lower flammability risks, and ease of application, making them increasingly popular among textile manufacturers seeking greener alternatives.

Strategic Investments and Collaborations: Key players in the Asia Textile Sizing Chemicals Market are making strategic investments in research, manufacturing capabilities, and distribution networks to strengthen their market presence and meet growing demand. Additionally, collaborations between chemical manufacturers, textile mills, and research institutions facilitate technology transfer and innovation, driving market growth and competitiveness.

Emerging Trends in Digital Textile Printing: The emergence of digital textile printing technologies presents new opportunities for the sizing chemicals market in Asia. Sizing agents play a crucial role in preparing fabric surfaces for digital printing, ensuring optimal ink absorption, color vibrancy, and print quality. As digital printing gains traction in the textile industry, the demand for specialized sizing chemicals tailored to digital printing applications is expected to rise.

Market Opportunities

Rapid Growth in Textile Industry: Asia, particularly countries like China, India, Bangladesh, and Vietnam, has witnessed rapid growth in the textile industry due to factors such as low labor costs, favorable government policies, and increasing



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demand for textiles worldwide. This growth presents significant opportunities for the textile sizing chemicals market as manufacturers seek efficient and effective chemicals to enhance the quality and performance of their textiles.

Increasing Demand for Technical Textiles: The demand for technical textiles, which are used in various industries such as automotive, healthcare, construction, and agriculture, is on the rise in Asia. Textile sizing chemicals play a crucial role in the production of technical textiles by imparting specific properties such as strength, abrasion resistance, and flame retardancy. As the demand for technical textiles grows, so does the demand for specialized sizing chemicals, creating opportunities for manufacturers.

Focus on Sustainable and Eco-Friendly Solutions: With increasing environmental concerns, there is a growing demand for sustainable and eco-friendly sizing chemicals in the textile industry. Manufacturers have the opportunity to develop and market bio-based sizing chemicals, which are derived from renewable sources and have minimal environmental impact. Additionally, there is a rising interest in water-based sizing chemicals that reduce the use of harmful solvents and chemicals in textile processing.

Technological Advancements: Advancements in technology have led to the development of innovative sizing chemicals with enhanced performance characteristics. Manufacturers can capitalize on this trend by investing in research and development to create sizing chemicals that offer improved strength, adhesion, and compatibility with different types of fibers. Additionally, technologies such as nanotechnology and microencapsulation can be leveraged to develop specialized sizing chemicals with unique properties.

Customization and Tailored Solutions: Textile manufacturers often require customized sizing solutions tailored to their specific requirements and processes. There is an opportunity for sizing chemical manufacturers to work closely with textile producers to understand their needs and develop bespoke

sizing formulations. Offering customized solutions can help manufacturers differentiate themselves in the market and build long-term partnerships with textile companies.

Expansion in Emerging Markets: While countries like China and India dominate the textile industry in Asia, there are emerging markets in Southeast Asia, such as Indonesia, Thailand, and Malaysia, that offer growth opportunities for sizing chemical manufacturers. These countries are witnessing increasing investments in textile manufacturing infrastructure and are becoming attractive destinations for outsourcing textile production. By expanding their presence in these markets, sizing chemical manufacturers can tap into new sources of demand and diversify their customer base.

Strategic Partnerships and Collaborations: Collaboration between sizing chemical manufacturers, textile machinery suppliers, and textile manufacturers can drive innovation and efficiency in the textile sizing process. Strategic partnerships can facilitate the development of integrated solutions that optimize the performance of sizing chemicals and textile machinery, leading to improved productivity and quality in textile manufacturing.

Market Trends

Increasing Textile Production: The Asia-Pacific region is a major hub for textile manufacturing, accounting for a significant portion of global textile production. The growing demand for textiles from both domestic and international markets is driving the need for textile sizing chemicals in countries such as China, India, Bangladesh, Vietnam, and Indonesia.

Demand for High-Performance Chemicals: With advancements in textile technology and increasing quality standards, there is a growing demand for high-performance sizing chemicals. Manufacturers are developing innovative formulations that offer improved weaving efficiency, better adhesion to fibers, and environmental sustainability to meet the evolving needs of textile producers.

Focus on Sustainability: Environmental regulations and consumer preferences for sustainable products are influencing the textile sizing chemicals market. Manufacturers are investing in research and development to develop eco-friendly

sizing chemicals that reduce water and energy consumption, minimize waste generation, and comply with stringent environmental standards.

Customization and Technical Support: Textile manufacturers require customized solutions and technical support to optimize the sizing process and achieve desired fabric properties. Chemical suppliers are offering tailor-made formulations, technical expertise, and on-site support to help textile mills improve production efficiency, reduce costs, and enhance product quality.

Market Challenges

Cost and Price Volatility: Fluctuations in raw material prices and the cost of energy and transportation can impact the profitability of textile sizing chemical manufacturers. Price volatility and competitive pricing pressures may pose challenges for companies operating in the Asia-Pacific market, requiring effective cost management strategies and pricing tactics to maintain margins.

Regulatory Compliance: Compliance with regulatory requirements and safety standards for chemical usage in textiles is a key challenge for manufacturers. Stringent regulations related to chemical safety, environmental protection, and worker health may require investments in research, testing, and regulatory compliance measures to ensure market access and business continuity.

Competition from Substitutes: The textile sizing chemicals market faces competition from alternative sizing methods and substitutes such as mechanical sizing, plasma treatment, and pre-treated yarns. Manufacturers need to differentiate their products by offering unique value propositions, superior performance, and cost-effective solutions to retain market share and competitiveness.

Supply Chain Disruptions: Disruptions in the supply chain, including raw material shortages, logistics constraints, and geopolitical uncertainties, can impact the availability and delivery of textile sizing chemicals. Manufacturers need to develop robust supply chain strategies, diversify sourcing options, and build resilience to mitigate

(Source: Persistence Market Research Pvt. Ltd.)

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Women's Apparel Market Trends and Innovations Redefining Fashion Landscape

Market Overview

The Women's Apparel market is a dynamic and vibrant sector within the global fashion industry, encompassing a diverse range of clothing and accessories designed to cater to the style preferences, lifestyles, and needs of women of all ages and demographics. From casual wear and activewear to formal attire and haute couture, women's apparel reflects evolving fashion trends, cultural influences, and consumer preferences, making it a reflection of personal expression and identity. With the increasing influence of social media, e-commerce platforms, and sustainability concerns, the Women's Apparel market experiences continuous evolution, innovation, and disruption, shaping the future of fashion. The global women's apparel market is forecast to expand at a CAGR of 4.9 percent and thereby increase from a value of \$4,263.0 mn in 2024, to \$5,958.6 mn by the end of 2031 as per report published by Persistence Market Research.

Market Growth Factors

Several key factors contribute to the growth and dynamics of the Women's Apparel market:

- **Shifting Fashion Trends and Consumer Preferences:** Fashion trends are constantly evolving, driven by factors such as cultural influences, celebrity endorsements, and social media platforms. Women's apparel brands and designers adapt to changing trends, offering collections that resonate with consumer preferences for style, comfort, and versatility. From athleisure and streetwear to sustainable fashion and vintage-inspired designs, women seek clothing that reflects their individuality, values, and lifestyle choices, driving demand for diverse and trend-forward apparel options.
- **Rise of E-Commerce and Digital Retailing:** The proliferation of e-commerce platforms and digital retailing channels revolutionizes the way women shop for apparel, offering convenience, choice, and personalized experiences. Online retailers and fashion marketplaces provide a vast selection of women's clothing, accessories, and footwear, accessible anytime, anywhere, through desktop and mobile devices. The convenience of online shopping, coupled with features such as virtual try-on, size guides, and user reviews, enhances the shopping experience and drives the growth of the digital Women's Apparel market.
- **Influence of Social Media and Influencer Marketing:** Social media platforms, such as Instagram, Facebook, and TikTok, wield significant influence over women's fashion preferences and purchasing decisions. Fashion influencers, bloggers, and celebrities showcase the latest trends, styles, and outfit inspirations to millions of followers, driving engagement and brand awareness for apparel brands and retailers. Collaborations between fashion brands and social media influencers amplify brand reach, foster consumer trust, and drive product discovery and sales, shaping the digital landscape of the Women's Apparel market.
- **Emphasis on Sustainability and Ethical Fashion:** Increasing awareness of environmental issues and ethical concerns within the fashion industry drives demand for sustainable and ethically produced women's apparel. Consumers seek transparency, traceability, and eco-friendly practices in the supply chain, favoring brands that prioritize ethical sourcing, fair labor practices, and environmentally responsible manufacturing processes. Sustainable fashion initiatives, such as recycled materials, organic fabrics, and circular fashion models, resonate with eco-conscious consumers, driving market demand for ethical and environmentally friendly apparel options.

Women's Apparel Market: Fashioning Trends with Style and Substance

The women's apparel market is a vibrant and ever-evolving landscape, influenced by changing fashion trends, consumer preferences, and societal norms. With women's clothing representing a diverse array of styles, occasions, and lifestyles, the market offers numerous opportunities for brands and retailers to innovate, differentiate, and capture market share in this dynamic industry.

One significant opportunity within the women's apparel market lies in meeting the growing demand for inclusive and diverse clothing options that cater to women of all shapes, sizes, and backgrounds. With increasing emphasis on body positivity, diversity, and representation in the fashion industry, there is rising demand for



inclusive sizing, extended size ranges, and adaptive clothing that accommodate a wide range of body types and physical abilities. Manufacturers and retailers can seize this opportunity by offering a diverse range of clothing options, including plus-size, petite, tall, and maternity sizes, as well as incorporating adaptive features such as adjustable waistbands, easy closures, and sensory-friendly fabrics for individuals with disabilities or sensory sensitivities. By embracing inclusivity and diversity in their product offerings and marketing strategies, brands can appeal to a broader customer base and foster a more inclusive and empowering shopping experience for women of all ages, sizes, and backgrounds.

Moreover, the women's apparel market benefits from increasing consumer interest in sustainable and ethical fashion practices, driven by concerns about environmental impact, labor conditions, and supply chain transparency. With growing awareness of the social and environmental consequences of fast fashion, there is rising demand for clothing brands that prioritize ethical sourcing, eco-friendly materials, and transparent manufacturing processes. Manufacturers and retailers can capitalize on this trend by adopting sustainable practices such as using organic, recycled, or biodegradable fabrics, reducing waste through responsible production methods, and supporting fair labor practices and artisan craftsmanship. Additionally, brands can educate consumers about the importance of sustainable fashion and empower them to make informed purchasing decisions by providing transparent information about their supply chain, manufacturing practices, and environmental initiatives. By embracing sustainability and transparency in their operations, brands can build trust, loyalty, and brand equity among environmentally conscious consumers and contribute to positive change in the fashion industry.

Furthermore, the women's apparel market presents opportunities for innovation in design, technology, and customization to meet the evolving needs and preferences of modern consumers. With women seeking clothing that not only looks stylish but also offers functionality, versatility, and comfort for their busy and active lifestyles, there is growing demand for innovative fabrics, performance features, and personalized shopping experiences. Manufacturers and retailers can seize this opportunity by incorporating advanced materials such as moisture-wicking fabrics, wrinkle-resistant finishes, and UV protection into their clothing lines, as well as offering innovative design elements such as convertible styles, reversible garments, and modular pieces that can be worn in multiple ways. Additionally, brands can leverage technology such as virtual try-on, augmented reality, and artificial intelligence to enhance the online shopping experience and provide personalized recommendations based on individual style preferences, body measurements, and past purchase history. By embracing innovation and technology in their product development and marketing strategies, brands can stay ahead of the curve and appeal to tech-savvy consumers seeking fashion-forward and functional clothing solutions.

Market Trends

One prevailing trend in the women's apparel market is the growing demand for sustainable and ethically produced clothing. With increasing awareness of environmental issues and labor practices in the fashion industry, consumers are

seeking apparel brands that prioritize sustainability, transparency, and social responsibility. Sustainable fashion initiatives such as eco-friendly materials, ethical sourcing, and fair labor practices are gaining traction, influencing purchasing decisions and shaping brand loyalty among environmentally conscious consumers.

Another notable trend is the rise of digitalization and e-commerce in the women's apparel market. Online shopping platforms, social media influencers, and digital marketing campaigns play a significant role in shaping consumer preferences, driving fashion trends, and facilitating seamless shopping experiences. Apparel brands are leveraging technology to enhance virtual try-on tools, personalized recommendations, and interactive shopping experiences, catering to the preferences and shopping behaviors of digital-savvy consumers.

Market Challenges

Despite the positive trends, the women's apparel market faces challenges related to sustainability, sizing inclusivity, and fast fashion culture. Balancing the demand for fast, affordable fashion with sustainability goals and ethical considerations presents challenges for apparel brands and retailers. Addressing issues such as textile waste, chemical pollution, and labor exploitation requires investment in sustainable materials, supply chain transparency, and circular economy initiatives to minimize environmental impact and promote responsible consumption habits.

Furthermore, achieving size inclusivity and diversity in women's apparel remains a challenge for the industry. Historically, standard sizing conventions and limited size ranges have excluded many body types and sizes from mainstream fashion offerings. Apparel brands are responding to consumer demand for size diversity and inclusivity by expanding size ranges, offering petite and plus-size options, and embracing body-positive messaging and marketing campaigns to celebrate diverse beauty ideals and promote inclusivity in fashion.

Latest Developments

Recent developments in the women's apparel market focus on innovation, personalization, and digital transformation to meet the evolving needs and preferences of consumers. Apparel brands are investing in sustainable materials



such as organic cotton, recycled polyester, and innovative textiles derived from renewable sources to reduce environmental impact and promote eco-friendly fashion choices. Circular fashion initiatives such as clothing rental, resale platforms, and garment recycling programs offer consumers sustainable alternatives to traditional ownership models, contributing to a more circular and sustainable apparel economy.

Moreover, there is a growing emphasis on personalization and customization in women's apparel offerings. Brands are leveraging data analytics, artificial intelligence, and 3D body scanning technologies to offer personalized fit recommendations, made-to-measure options, and customizable design features that allow consumers to create unique and tailored garments that fit their individual style preferences and body shapes. Personalized shopping experiences enhance customer satisfaction, loyalty, and brand engagement, driving growth and differentiation in the competitive women's apparel market

(Source: Persistence Market Research)



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Manish Malhotra showcased 'Dharohar Kashi Ki' at 'Banaras'



Aimed primarily at promoting and preserving the rich traditional Banarasi handloom craft and enhance its global footprint further, Indian Minorities Foundation (IMF) organized a fashion show - 'Banaras - A Tapestry of Indian Culture and Craftsmen' as part of 2-day-long 'Prayas: Dharohar Kashi Ki' at the historic Namoo Ghat along the Holy Ganga in the spiritual capital of India, Varanasi recently.

Asia's biggest designer, Manish Malhotra brings the essence of Banaras to life with the 'Dharohar Kashi Ki' fashion show, held on the serene banks of the Ganges at Namoo Ghat in Kashi with his special collection called 'BANARAS'. This unique setting added an emotional and holistic touch to the show, as it was the first fashion show to take place at this iconic location, supporting the Bunkar community and the skilled artisans of Varanasi. The fashion show was a celebration of traditional Indian craftsmanship intertwined with contemporary aesthetics. Manish Malhotra's exquisite creations highlighted the elegance and timelessness of handwoven textiles, paying homage to the unparalleled workmanship of Indian heritage.

Bollywood heartthrob Ranveer Singh and Kriti Sanon graced the ramp, donning Banarasi traditional outfits designed-innovatively by the international fashion designer, Manish Malhotra. Kriti Sanon, ethereal in regal Indian red silk, epitomizes the finesse of India's weaving tradition. Ranveer Singh, with his charisma, wears a Banarasi shikargah sherwani in a vintage purple hue, paired with a silk kurta and dhoti. A total of 40 models graced the runway during the fashion show, adorned in the distinctive Banarasi handloom collection meticulously curated by Manish Malhotra.

The ambiance of the show was further elevated as the models walked barefoot, their styling intricately weaving cultural identity through the adornment of mogras and bindis. The event was attended by diplomats and ambassadors from 20 countries, renowned fashion designers, Bollywood celebrities, heads of Bunkar Community Associations and Convener of Indian Minorities Foundation (IMF) and MP Rajya Sabha, Satnam Singh Sandhu along with other members of IMF. Manish Malhotra unveils the 'Banaras' collection dedicated to championing the opulent Banarasi handloom craft, accompanied by the noble pledge to promote banarasi globally.

The collection spotlighted the beauty of Banarasi silk sarees, each piece meticulously handwoven by talented bunkars, a process that takes months to perfect compared to the rapidity of machine-made fabrics. Furthermore, the distinguished fashion maestro revealed his forthcoming endeavour: the unveiling of this bespoke collection exclusively curated to showcase Banarasi handloom collection at his Delhi Flagship Store.

During the event, as many as 40 bunkars including 2 Padma Shri awardees who have done exceptional work for the promotion and preservation of rich Varanasi craft were honoured by Indian Minorities Foundation (IMF). Manish Malhotra's dedication to supporting the skilled bunker community of Varanasi reflects his commitment and aims to conserve the heritage of handloom and promote sustainable fashion to the world. His work aligns with campaigns like #VikasBhiVirasatBhi and #KashiSangam, which aim to develop and preserve India's cultural legacy.

The Modi Mantra of Vocal for local and Local to Global have spurred the global demand for the rich Varanasi handloom products. Buoyed by the Makein-India

initiative of Modi's government, the global footprint of Indian fashion has increased in an unprecedented manner. From Paris, Milan, New York and Moscow, Indian designers are leaving an indelible mark globally today. In the past 10 years of Modi government, the Indian Fashion Industry scaled greater heights at global level.

The vibrancy of royal craft of Banarasi Saree have shone bright not just in India but on a global map today after Modi's government's Prayas for promotion of the rich textile tradition of India. Today, when it comes to fashion, the world looks at India and we have been transformed into trendsetters in the past 10 years of Modi's Government. It is the confluence of traditional Indian clothing with modern touch that has taken the Indian fashion industry to greater heights at global level, he added. Today, this fashion show that showcased the rich Indian textile tradition is indeed a praiseworthy effort of Indian Minorities Foundation (IMF). In recent years, PM Modi's Make-in-India campaign has revived the glory of rich traditional Indian handicraft and handloom in an unprecedented manner.

Manish Malhotra said that, "It was a true honor to showcase my Banaras collection at the 'Dharohar Kashi Ki' fashion show at Namoo Ghat by the Ganges in Kashi. Varanasi has always been a serene destination for me. The event celebrated Kashi's vibrant culture and the rich history of Banarasi fabrics. Being part of this emotional and holistic event, celebrating the bunker committee and artisans, was an extraordinary experience. The timeless elegance of Banarasi weaves continues to inspire me.

Blending these intricate textiles with contemporary designs allows me to honour the craftsmen who dedicate their lives to preserving this beautiful art form. This holy city of light captivated us with its spiritual allure and instilled a sense of pride in our nation's rich cultural heritage". He also remarked that, "owing to the unparalleled initiatives taken under Modi's Government, to promote the rich traditional Indian attire have given global recognition to the traditional craft of Bunkar community. Bunkar community of Varanasi has kept the rich Indian cultural heritage alive."

IMF Convener and Rajya Sabha MP Satnam Singh Sandhu said, "The 'Dharohar Kashi Ki' is a small attempt by Indian Minorities Foundation (IMF) to promote the vibrant cultural heritage of Kashi - the Spiritual Capital of India - and celebrate the rich legacy of Bunkar community of Varanasi on a global scale. Additionally, the initiative aims to propagate PM Modi's vision of 'Vikas Bhi, Virasat Bhi' amongst the people, which will take Bharat ahead in the 21st century. Over the past decade, Prime Minister Modi has put in all the possible efforts towards revitalizing Kashi's cultural heritage while simultaneously fostering its development, which is evident in the visible transformation both in terms of infrastructure and societal progress.

PM Modi's efforts have not only enhanced the religious and historical glory of Kashi but also educated the world about the traditional crafts and meticulous skills of its artisans." Earlier today, an art and craft exhibition was also held as a part of "Prayas: Dharohar Kashi Ki" with an aim to provide weavers and artisans of Kashi a platform to showcase their handloom and handicrafts talent. In this over 50 exhibitors belonging to Kashi's Bunkar Community displayed an impressive range of their products including Banarasi silk sarees and garments, carpets and handicrafts ■



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Techtextil & Texprocess set as drivers of innovation the course for future-proof industries

High-tech textiles in twelve application areas, the global innovative power of technical textiles and nonwovens as well as the digitalisation of the textile-processing industry: with 38,000 visitors from 102 countries and 1,700 exhibitors from 53 countries, Techtextil and Texprocess have grown in terms of exhibitor numbers and recorded a 29 percent increase in visitor numbers. At the leading trade fairs, the density of forward-looking textile solutions that are transforming entire industries was particularly noticeable.

Techtextil and Texprocess 2024 ended with 1,700 exhibitors from 53 countries, 38,000 visitors from 102 countries and a 29 percent increase in visitor numbers. The top visitor nations were Germany, Italy, France, Turkey and the Netherlands. The top exhibitor nations were Germany, Italy, China, France and Turkey. Countries such as Egypt, China, Indonesia, Kosovo, Luxembourg, Moldova and Thailand contributed to the expansion of exhibitors, among others.

In times of emerging AI technologies, increasing legislative requirements and high energy costs, both trade fairs offered the markets the most important international marketplace for product innovations along the textile value chain at the right time: "With an overwhelming atmosphere and growth in size, exhibitors and visitors, Techtextil and Texprocess made it clear: textile innovation for a wide range of industries can only be found in this global width and strength here in Frankfurt. The textile industry, through both leading trade fairs, becomes the driving force and enabler for cross-industry transformations and a globally future-proof economy", said Detlef Braun, Member of the Executive Board, Messe Frankfurt GmbH.

75 percent of visitors - including producers, engineers from various industries, architects, processors, industrial designers, clothing and construction material manufacturers, R&D decision-makers, medical developers, product developers and other top executives - thoroughly leveraged the cross-networking opportunities, spanning from the preliminary stages of Techtextil to the wide array of processing and clothing technologies offered at Texprocess. The trade fair duo thereby set the stage for numerous international collaborations and business initiations, fostering innovation across sectors and making them market-ready.

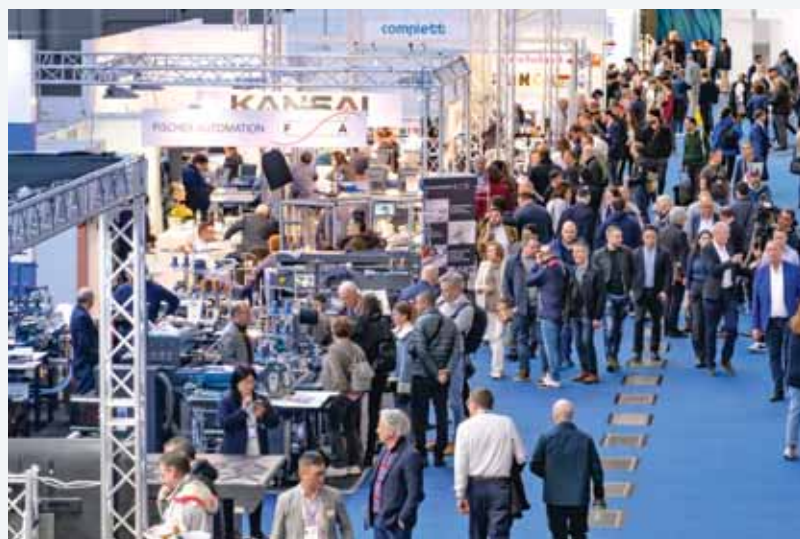
Visitor satisfaction at a very high level

Exhibitors and visitors made intensive use of the trade fairs as efficient sales channels, made new international contacts and gained a concentrated overview of the global spectrum of high-tech textiles that can be used across industries, as well as the latest machines and technologies for textile processing. Visitor satisfaction at both events was at a very high level: 95 percent of visitors were satisfied overall with their trade fair visit, achieved their trade fair objectives and were impressed by the range of exhibitors.

20 years of Techtextil: biggest edition sets new standards

In its anniversary edition, Techtextil set a record in terms of size and underlined the dynamic growth and innovative strength of the textile industry. Studies confirm the enormous future prospects of technical textiles: Fortune Business Insights[1] estimates the global market at 225.99 billion dollars in 2023 and forecasts an increase to 346.67 billion dollars by 2030. Similar forecasts by Allied Market Research[2] expect an increase to 331.8 billion dollars by 2032. Within the EU textile industry, technical textiles are the most dynamic drivers of demand in sectors such as medicine, agriculture, construction, outdoor clothing and automotive.

Techtextil is the only platform in the world to showcase the entire range of high-tech textiles across 12 application areas. In addition to examples such as medical textiles with a virus barrier, fibre structures for sound insulation in the construction industry or technical nonwovens for the automotive industry, these also included innovative world firsts in 2024: from the latest weaving technology with an open shed from the start-up Casmue, a new type of coating for self-cooling textiles from the German Institutes of Textile and Fibre Research Denkendorf to recyclable insulating textiles made of bio-based aerogel fibres from the start-up SA-Dynamics. Techtextil also placed a clear focus on sustainable action and production. More than 15 percent of the exhibitors presented natural fibres and materials.



"Techtextil is the most important industry event of the year for us and went really well for us in 2024. Once again, we were able to showcase our technology expertise to visitors. The special aspect about this global industry meeting place is that it not only brings us potential new customers, but we also meet our partner companies and suppliers here. The connection with Texprocess creates fantastic synergies. Techtextil 2024 has made it clear that the industry is on the move and sustainability is the overarching theme. We were surprised and pleased that we were visited by a particularly large number of young visitors - students as well as young innovators - with very specific requests for cooperation, also with regard to our sustainable solutions," says Holger Michael Steingraber, Senior Vice President Global Marketing & Communications, Freudenberg Performance Materials.

"Techtextil 2024 has shown: We are on the right track with investments in circular economy. The response to our scalable solution that recycles garments into multifibres was downright enthusiastic. The trade fair went very well for us. We met existing and new customers, especially from Scandinavia and Southern Europe. What we really appreciate about Techtextil: Our end customers come to the show and exchange ideas with us in order to understand the benefits of our developments for their employees. And last but not least, Techtextil is simply the right place to present your innovation," says Amaury Sartorius, Managing Director, Klopman.

"Techtextil is extremely important and very valuable for us. We see and feel the market, meet our customers, suppliers and new interested parties from all over the world, especially from Europe and overseas. Sustainability is the hot topic here in the exhibition halls and is much more present than it was two years ago. Textile companies around the world are working hard to reduce CO2 emissions and comply with CSR regulations. The tightening European regulations are playing a large part in this. Accordingly, the demand here at Techtextil for our sustainable developments, such as our PVC alternative with fifty percent CO2 savings, is strong," says Michèle Sioen, CEO, Sioen Industries.

"Techtextil was an outstanding experience for us at Lenzing. The trade fair was very well attended and we were able to maintain valuable customer contacts and gain new ones. The diversity of visitors was particularly impressive - from experienced experts to curious students who came to find out about our innovative and sustainable fibre technologies. It is clearly noticeable that the topic of recycling is becoming increasingly important. Techtextil was a complete success for us," says Oliver Spöcker, Global Sales Director, Lenzing AG.

Texprocess strengthens its pioneering role in digitalisation and automation

At Texprocess, a vast array of cutting-edge machines, processes, and services for textile and apparel processing were exhibited, spanning from innovative AI technologies to design systems and visualization tools, along with highly efficient cutting and state-of-the-art sewing machines. Texprocess presented pivotal solutions harnessing the latest technologies.

"For the Texprocess exhibitors, this trade fair was more important than ever before. The entire textile processing industry is facing enormous challenges worldwide, such as changing trade conditions or labor shortages. Many new technological solutions to these challenges were on show at Texprocess. There are great new developments, especially in the areas of digitalisation, automation and AI. Texprocess has thus focused on the future and highlighted many new opportunities", says Elgar Straub, Managing Director, VDMA Textile Care, Fabrics and Leather Technologies.

"Against the backdrop of the current industry situation, our expectations were rather muted. The trade fair really exceeded them. The visitors were very well balanced in terms of internationality and fields of application. Europe was there entirely, but also the Middle East, Bangladesh, India, Pakistan, the USA and Mexico. Our customers drive automation and process optimisation. We presented future-oriented solutions in this field - including our CNC sewing unit with rotating sewing kinematics, which won the Innovation Award, as well as an AI-based seam correction", says Michael Kilian, COO, Dürkopp Adler.

In the areas of sewing technology and cutting solutions, Texprocess offered the world's most comprehensive range of suppliers presenting pioneering solutions for efficient and advanced manufacturing processes - also through AI: "This year, we presented our latest innovation, which integrates AI directly on the machine. Texprocess is exactly the right platform for this: a meeting point for technology, partnerships, customers from all over the world and indispensable for the global fashion industry. We made numerous new contacts, including from markets new to us such as South Africa and Australia," emphasises Marta Maiandi, CTO, Orox Group. The exhibitor Eurolaser was also delighted: "The trade fair went excellently for us. Visitors came from all over Europe, the USA, Mexico and further interesting markets and, of course, from very diverse application areas such as protective clothing, medicine and automotive. The format trade fair is back in full force. Our biggest innovation is our camera system, which sits directly on the bar. It scans the entire table in three seconds and optimises the cut and contours," says Laura Capone, Chief Sales Officer, Eurolaser.

The exhibitor Assyst provided insights into what a completely digital, sustainable and profitable future for the fashion industry looks like - with AI-driven solutions that support design in the creative process and visualise styles in real time: "Texprocess 2024 was extremely successful for us. Our visitors were enthusiastic about how uncomplicated digitalisation becomes for the apparel industry when AI, 3D simulation and 2D CAD are seamlessly integrated. With a highly interested international trade audience, the trade fair offers the ideal environment to present this type of product innovation," says Hans Peter Hiemer, Managing Director, Style3D | Assyst.

Trade fair duo shines with research, knowledge transfer and high-quality content

A powerful mix of topics drove the intensive exchange between research and industry and provided visitors with important impulses on the newest textile solutions, intelligent materials and the latest research results in the sectors. Numerous exhibitors, start-ups and renowned research institutes demonstrated at both trade fairs that AI, digitalisation and automation are significantly advancing the industry. Whether textile recycling, fault detection in production and processing, networked production steps or smart clothing that monitors the wearer's physical functions - the new opportunities offered by AI and digitalisation are multifaceted. These technologies are paving the way for the future of the industry.

Latest materials and recycling technologies in times of legislative requirements

In times of upcoming legislative requirements as part of the EU strategy for sustainable textiles, Techtextil and Texprocess focussed on recyclable solutions and the latest research results on resource efficiency and recyclability. This was also reflected in the increased number of exhibitors in the Econogy Finder: more than twice as many exhibitors were checked against the criteria of recognised labels and certificates as well as the Sustainable Development Goals and were included in the Finder. In addition, the Econogy Talks provided a platform for dialogue on resource-saving solutions, while the Econogy Tours led by an independent expert provided first-hand insights on sustainable products ■

The next edition of Techtextil and Texprocess will be held from 21 to 24 April 2026.





Emerging garment technologies debuted at Texprocess 2024

Part - 1

At Texprocess, the textile and apparel industries displayed their most progressive side and even in challenging times still inspired a positive mood throughout the sector. The Frankfurt Fair and Exhibition Centre once again became the leading international platform for users of technical textiles from the widest variety of sectors, as well as for manufacturers of apparel, fashionwear, upholstered furniture and leather products.

Texprocess was also all about digital solutions for the sector – from fully networked production lines in the form of micro-factories and machines capable of autonomous learning to cloud-based collaboration between designers, product developers, manufactures and retailers across national boundaries. In the next few pages we are covering some of the new technologies lunched in the show.

Flatseamer and Bottom Hemming machines by Yamato

Yamato Sewing Machine Mfg. Co., Ltd. is technology-oriented industrial sewing machine manufacturer, based in Osaka, Japan since 1927. Our main products are "YAMATO" brand industrial sewing machines, such as overlock, interlock chain stitch, flatseamer, as well as various devices and attachments. Beyond just manufacturing industrial sewing machines, Yamato strive to provide our customers with practical solutions to various sewing-related problems. The solutions we provide are backed by our advanced technology and know-hows accumulated by co-works with our customers throughout our long history.

Yamato's practical solutions to various challenges in manufacturing athletic/athleisure wear, casual wear and lingerie, backed by our advanced technology, such as extra stretch seam, which adds extra value on your functional garments, deskilled operation for uniform high-quality finish without relying on skilled operators, and even possibility to skip operation.

FD-62SD-LF Series (4 Needle 6 Thread, Feed-off-the-arm "Loss-Free" Flatseamer)

The Flatseamer for stretch materials that reduces defects and achieves extra stretch, outstanding appearance, comfort & functionality

Extra Stretch, Without the Risk for Breakage: With the new design that securely tightens the needle thread at low tension, the seam stretchability is improved by 30%. This significant reduction in needle thread half catch and seam jams ensures high-quality seams required in premium products.

Innovative New Technology for the Perfect Seam: FD-62SD-LF's innovative technology makes it possible to create flat and wide enough seams without the risk of damaging fabric by retainer needle.

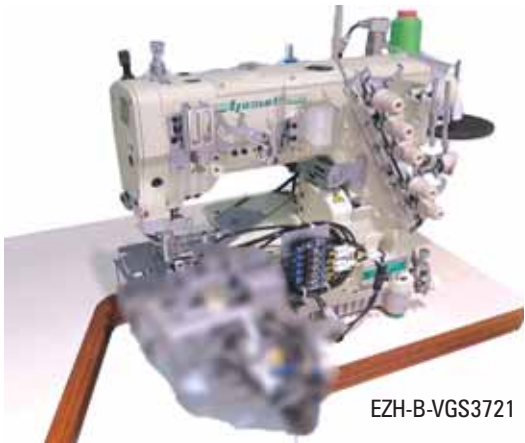


FD-62SD-LF Series

Contribute to Cost Reduction: FD-62SD-LF helps customers improve profitability. FD-62SD-LF is equipped with advanced technologies that reduce quality and time waste. It meets advanced sewing needs without the need for complicated adjustments and reduces the risk of seam breaks, needle holes, and oil stains.

EZH-B-VGS3721-156S1-8F/UTQ-A45/Y (Semi-Automatic EZ (easy) Bottom Hemming Workstation for Circular Material)

Semi-Automatic Easy Bottom Hemming Workstation for Circular Material which deskills circular hemming operations drastically. Required jobs to operators are reduced to loading the work, overlapping and unloading only. The rest is done by this workstation. In addition, this configuration equips UTQ, the unique & advanced Automatic under Thread Trimmer with Anti-Unraveling Device. UTQ enables you to eliminate tacking process, making better looking and comfort to wear.



EZH-B-VGS3721

- Drastically deskills Circular hemming, one of the most critical operations on knitwear assembly. EZH-B plays the role of the right hand of the expert operator. EZH-B makes the hem, maintain the hem and control the edge of fabrics. Required jobs to operators are reduced to loading the work, overlapping and unloading only. The rest is done by this workstation.
- EZH-B reliably feeds fabrics in a relaxed condition, thanks to the top feeder and Yamato's unique Active Thread Control technology. Therefore, iron-free perfect finish can be obtained, without roping, twisting or puckering.
- Yamato's signature Active Thread Control supports ideal seam over wide range from soft and elastic seams for microfibers to tight seams for outer wears.
- Yamato "Non-stain" Technology for minimizing the risk of oil stain, the most frequent cause of defects.
- UTQ enables you to eliminate tacking process thanks to the unique anti-unraveling technology to avoid seam unravelling from the end.

Assyst.CAD: 2D Pattern Making Software by Assyst

Style3D | Assyst enables brands, manufacturers, and retailers to create and produce successful fashion products, and to promote them directly on all sales or marketing platforms. With our innovative technologies, we are pioneers in transforming the clothing industry towards a fully digital, sustainable, and profitable future. Our team includes over 600 experts in fashion and technology across 15 locations worldwide. We distribute our software and solutions for 3D design, fabric simulation, 2D pattern development, nesting, costing, 3D asset & collaboration management, as well as retail in more than 60 countries. Through research and development in collaboration with leading universities, we ensure our development lead. Style3D and Assyst are represented in Europe by Assyst GmbH, operating under the brand name Style3D | Assyst.

Assyst.CAD: 2D Pattern Making Software

With Assyst's leading pattern making software Assyst.CAD, you can make patterns and gradings for your fashion products fast and effectively.

- Make patterns and gradings: Fashion professionals simply love the sophisticated fit, grading and intuitive Smart technology that makes Assyst.CAD (Cad.Assyst) the leading fashion pattern making system in Germany, Austria, and Switzerland.
- Managing and re-combining pieces: The Assyst.CAD database with modular logic flexibly manages 2D patterns and 3D simulations. This



creates transparency and facilitates version control and teamwork.

- Automate pattern design tasks: Smart.Pattern macros efficiently perform tedious tasks, saving valuable time and reducing errors. With a library of over 200 routine macros, you can easily streamline your workflow. To get you started, 10 macros are included free of charge.

Assyst.CAD is integrated throughout the development process

Only with Assyst, are 3D, CAD, pattern making, and order planning directly connected. As a result, data from Assyst.CAD (Cad.Assyst) is available throughout the entire fashion development process, from 3D design to production

- Work in 3D with a fully developed 2D pattern from Assyst.CAD ready for production
- Specific grading data: Intuitively, visually, and quickly generate grading for a complete size range - including individual grading rules for your brand.
- Create markers manually or automatically directly from Assyst.CAD (Cad.Assyst) with direct specifications from the pattern
- Collaborate globally: With Assyst's Fashion Cloud, you can ensure access to all CAD and 3D data. Hosted in a European high-security data center in accordance with ISO/IEC 27001

Special benefit - connectivity through data conversion Assyst is open to third-party systems

- A mixed cutter or plotter landscape, greater flexibility in support, or the introduction of 3D and automation are common reasons for switching to Assyst.CAD
- With Assyst, you can connect your systems to each other. When transferring to Assyst.CAD, we ensure that you can continue to use your cutting data - no matter which system it comes from
- Assyst supports most of the common formats in the market with high quality. If necessary, the system can reconstruct the entire pattern. Our expert team actively supports you in your conversion project

Fully Automatic Fabric Spreading and Seam Bottom Hemming machines by ASTAS

Company ASTAS with its headquarter in Istanbul and further 12 branch offices in Turkey and abroad is a specialist in sewing technology and an acknowledged partner for the leading garment industry and trade brands for more than 40 years. Our vision is to serve maximum support for the worldwide competitiveness of the garment and apparel sector, to supply the most innovative solutions to increasing workshops and thus help the sector heading for high value-added items. In addition, adapting the latest technology equipment to the existing machinery park, in order to provide the best service to achieve the energy economization and time management and high quality and highest efficiency.

ASTAS self-made workstations offer intelligent solutions for the garment industry with automatic sewing machines and sewing stations simplify sewing processes and thus also increase productivity. We supply our workstations, which are custom-made, to the textile and garment industry, to the automotive and mattress industry, to companies with technical textiles.

Fully Automatic Fabric Spreading Machine - SRM 255 XXL SERIES

- Denim/J Jeans - assembled for spreading the large type weaving fabric
- Preferable language; Turkish or English
- Remote connection (option)
- Via intensive sensor, the ability to spread the beginning of the fabric in each ply in some line automatic (gain fabric)

- Ability to interfere with the software and spread at fully automatic mode
- Auto-Stop feature when the roll runs out or pre-recorded number of folds is achieved
- Ability to unroll or rewind (for Roll Fed Fabrics)
- Ability to enter different speed choices, in order to save time during idle turns
- One way or zig-zag spreading features (zig-zag is optional)
- Spreader system which ascends automatically, in accordance with spreading height
- Backwards opening cradle and loading extension, enabling easy fabric loading
- Maximum operation comfort, by means of its operator carrier platform
- True-sense safe operation, ensured by privileged safety sensors
- User-friendly Touch Screen panel

AST-7923/ERDO-KR/M-PLC-2/SM-BDN

Top Covering Type, Cover Seam Bottom Hemming Automat with Step Motor Controlled Special Automatic Size Adjustment Device with Sensor

- Hemming adjustment attachment system between 17-30 mm.
- Able to work 40-80cm tubular shirt bottom hem
- Stitching starts and ends at the side seam
- Stitch alignment feature thanks to sensor-controlled system



- Thanks to the size tolerance system, the machine can adapt itself for measurement differences up to 1 cm for the same sizes
- Step motor controlled size adjustment feature – SM-BDN
- Hemming correction feature by means of roller system at the start of seam
- One operator can run 2 machines
- Excellent 3 needle Top Covering Type or 2 needle cover seam stitch quality
- LCD touchscreen control unit
- Daily piece counter
- Thread breaking sensor
- Automatic stacker unit
- Up to %40 energy-saving thanks to direct drive Efka servo motor technology
- Capacity 2.400-3.000 pcs/ 8 hours

Automatic Embroidery Machines by Barudan Co. Ltd.



Automatic Embroidery Machine
(BEKT-S1501CAII)

BARUDAN Co., Ltd. is the manufacturer of Japan made computerized embroidery machine in Japan. Since 1959, Barudan has been producing the best built, the most reliable embroidery machines in the world and proudly produced in Japan. We have exported BARUDAN embroidery machines to over 100 countries throughout the world with the corporation of BARUDAN Global Network. We have subsidiaries in 9 countries, Japan, France, USA, Canada, Singapore, Turkey, UK, China and Brazil.

Automatic Embroidery Machine (BEKY-S1506CII)

- High Spec Drop Table Machine with Servo Motor
- The perfect machine for any size order
- Compact, Fast & Reliable
- New trimming system with a narrow cylinder arm: New trimming system with a narrow cylinder arm allows more room to embroider shirt pockets, socks and smaller items

- New thread tensioning system: New thread tensioning system ensures better tensioning and faster threading
- Touch screen (10.4 inch, Resolution 800×600)
- Ability to register shortcuts into multiple groups
- Customizeable Display
- Easy Icon based operation
- LAN Connector Standard, 1×COM Port & 1×USB Port, 1×Remote Controller Connector
- 70 million stitch capacity, 100 memory locations

Automatic Embroidery Machine (BEKT-S1501CAII)

- New KT LCD 8.4 inch color touch screen display is larger, providing improved visibility and easier operation
- Servo motors deliver fast and smooth pantograph operation for increased production and pinpoint accuracy
- New thread tensioning system: New thread tensioning system ensures better tensioning and faster threading
- Name Drop: Separates names in a multiple name design for view and sewing purposes.
- Frame Centering Function
- Frame Limit Function: Able to restrict machine operation when a design does not fit to the frame or when there is a risk of a needle bar hitting the frame
- Shortcuts: Customize most-used icons to save time
- LAN Connector Standard, 1 USB port
- 70 million stitch capacity, 100 memory locations

Sewing System for Pocket Openings by A-S-S AG

To develop and build high quality and efficient sewing systems in Germany: with this requirement we founded the A-S-S AG in the year 2000. Previously we had been working for more than 25 years with renowned manufacturers of our industry. These experiences have linked with fresh ideas, which consistently meet customer requirements and create innovative solutions. So our company could constantly grow. Today, among others, seam-closing and pocket welting machines as well as engineered workstations are to find in our portfolio. The sales figures have passed meanwhile over 6,000 machines.

BASS - 3050 (Sewing System for Pocket Openings)

The BASS 3050 is a universal automatic welt pocket sewing machine. The machine processes all prevalent pocket openings with and without flaps.

The BASS 3050 is impressive with its high operating speed. The clamp transport and all cutter systems of the sewing machine have their own separate drive. The clamp transport is controlled fully automatically by a stepper motor and the centre cutter is driven by a separate electric motor.



Advantages

- Simple operation
- Quick learning process
- Quick changeover from double welting to single welting
- Customised setting for stitching and transport speed
- Automatic sensing of flap length
- Independent drives for clamp transport as well as all cutting systems
- Easily programmable
- Needle distances can be retrofitted from 8 mm–24 mm, in steps of 2 mm
- Cutter adjustment for corner cutter position in steps of 0.1 mm

BASS – 3204 (Sewing System for Pocket Openings)

The BASS 3204 is a universal automatic welted pocket sewing machine. The sewing machine processes all prevalent pocket openings with and without flaps. The incorporation of a zipper can be integrated easily into the sewing operation. Even welted breast pockets can be incorporated with the appropriate options. Simple operation and high working speed characterise this universal automatic welted pocket machine.



Advantages

- Quick learning process
- Numerous options for special applications
- Quick changeover from double piping to single piping
- Freely programmable controller with memory for 40 seams
- Customised setting for stitching and transport speed
- Customised programming possible for stitch length, seam locking or adjustable stitch length
- Independent drives for clamp transport as well as all cutter systems
- Pocket opening lengths from 20-200 (optional 240 mm)
- Easily programmable
- Needle distances can be retrofitted from 8 mm–24 mm, in steps of 2 mm
- Cutter adjustment for corner cutter position in steps of 0.1 mm
- Automatic clamp adjustment when folder is changed
- Automatic seam length adjustment



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SPRING / SUMMER
collection 2025

PRESERVING OUR PLANET *by* INNOVATION & CIRCULARITY

Key highlights



Eco-Friendly
Textile Innovations



Circular Economy
Showcase



Sustainable Fashion
Future



Future Fashion
Technology

SEPTEMBER 4TH-5TH-6TH, 2024

Padmashri. Dr. A. Sakthivel Chairman

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For Contact

Mob: 98941 24744 | 99449 38318 | +91 421 2200022

Brother's Sewing and Bonding Machines

Brother is a renowned Japanese company whose corporate profile includes a wide range of electronic, industrial and household appliances. Since its foundation, Brother has established itself as a leading manufacturer of industrial sewing machines, printers and multifunctional devices. With sales offices worldwide, Brother has a global presence and offers first-class products and services in various markets. Brother's industrial sewing machine division benefits from over 100 years of experience and is a major sales driver for the company.

Bonding BM-2000

The Brother BM-2000 bonding machine is an outstanding example of innovative technology in the field of textile processing. Designed for maximum precision and efficiency, this machine enables seamless and reliable bonding of fabrics without the need for seams. Utilising advanced bonding techniques, the BM-2000 provides a consistent and durable bond that meets the requirements of a wide range of applications. With its user-friendly design and reliable performance, the Brother BM-2000 is the ideal choice for companies looking for high quality and durable solutions for their production processes.

UF-8910 Single Needle Direct Drive

The Brother Unison Feed UF-8910 is a state-of-the-art industrial sewing machine designed for precise and reliable sewing in industrial environments. With its innovative Unison Feed technology, this machine offers outstanding fabric feeding that ensures consistent sewing even with challenging materials such as leather, vinyl or multiple layers of fabric. The UF-8910 is equipped with a variety of features, including a powerful motor, a user-friendly interface and a high sewing speed that enable efficient production. The robust construction and high-quality materials ensure a long service life and minimise downtime.

BAS-342JX Direct Drive Programmable Electronic Pattern Sewer with Cylinder Bed

The Brother BAS-342JX is a advanced industrial sewing machine designed for precision and efficiency in textile production. The machine is equipped with a user-friendly touch screen panel that allows for easy programming and operation. This allows users to quickly and efficiently switch between different sewing tasks and customise the machine to specific requirements. In addition, the BAS-342JX offers high sewing speed and outstanding stitch quality, making it ideal for the production of garments, home textiles and other textile products.



Pressing and Creasing Machines by EPA AKIN

Since 1989 EPA AKIN brand provides excellent service and state-of-the-art machinery to the world's most renowned leaders of shirt manufacturing. EPA has all kinds of shirt machinery solutions from begging to end of shirt manufacturing process. EPA AKIN currently exports textile machinery to 50 countries. Every year EPA AKIN brand try to improve machines technically. EPA AKIN brand provides solutions to shirt manufacturers in all over the world with all kinds of shirt presses.

EPA 205 - Shirt Front Placket Pressing and Creasing Machine



Machine Features

- Perfect shirt front pressing, from 15mm to 75mm
- Shirt Front Placket Pressing and Creasing Machine can make short sleeve foldings
- Able to produce separated front strips for shirts or blouses
- Capable of fusing the interlining during the folding process
- Specially designed ironing table and pressing system of Shirt Front Placket Pressing and Creasing Machine provide high-quality ironing and interlining

- Laser-guided ironing processes of striped fabrics
- Oil-free operation system
- High vacuum motor is installed inside the Shirt Front Placket Pressing and Creasing Machine
- Easy to use digital display
- Digital screen provides hourly and daily production reports
- Smart-fault notification system of Shirt Front Placket Pressing and Creasing Machine enables easy detection of machinery malfunctions, trackable using the screen
- Automatic stacking system
- Unique resistors and computerized temperature control system of Shirt Front Placket Pressing and Creasing Machine provides precise heat adjustment and energy savings
- Interlining interlacing device reduces the interlacing to a minimum level (optional)
- PLC (Programmable Logic Control) controlled machine
- A number of safety precautions protect the operator
- Shirt Front Placket Pressing and Creasing Machine has a CE certificate

EPA 203- Sleeve Placket Creasing Machine

Machine Features

- Sleeve Placket Creasing Machine presses sleeve plackets, bindings, and shirt side seams in desired sizes
- Our Sleeve Placket Creasing Machine is capable of pressing triangle and square labels, plus yoke labels
- Adjustable trace needles speed up and standardize production during assembly stage
- Seam allowances can be set as desired
- Sleeve Placket Creasing Machine features an Oil-free operation system

- 
- Easy to use digital display
 - Digital screen provides hourly and daily production reports
 - Smart- fault notification system of Sleeve Placket Creasing Machine enables easy detection of machinery malfunctions, trackable using the screen
 - Laser attachment provides easy stripe tracing, leading to excellent results during pressing of striped fabrics
 - Automatic stacking system
 - Unique resistances and computerized temperature control system of Sleeve Placket Creasing Machine provides precise heat adjustment and energy savings
 - PLC (Programmable Logic Control) controlled machine
 - A number of safety precautions protect the operator
 - Sleeve Placket Creasing Machine has a CE certificate

Single Layer Cutter PREMIUMCUT by bullmer

bullmer is a specialist in and supplier of innovative cutting technology and is one of the leading companies in its industry. bullmer machines stand for trendsetting manufacturing solutions that achieve the highest levels of efficiency and productivity. bullmer has researched, developed and installed automated machinery for material handling and material flow as well as automatic cutting solutions for the textile and flat material processing industry worldwide for more than 80 years. At its Southern German site and competence centre, bullmer constantly develops and distributes economic machine concepts. In addition to customised applications, our focus is on connecting modules to achieve reasonable process chains.

Single Layer Cutter PREMIUMCUT

Target group: Upholstered furniture industry, clothing industry, automotive industry, leather processing industry, processors of technical textiles and composites, graphic industry (packaging and printing)

Material use: Composites and technical textiles (woven and non-woven), rubber fabrics, floor coverings, home textiles, leather, fleeces and related materials, printed textiles, PVC, and much more.

Special features: The PREMIUMCUT is the most versatile single layer cutter.



It particularly shines with the following properties:

- Modular construction - can be retrofitted quickly and easily
- Easy to use thanks to quick and easy tool changes
- Customer-specific adjustments possible all materials - a cutter
- Working widths from 1400 mm to 5200 mm!
- Acceleration up to 2g and cutting speed up to 120 m/min (2m/s)
- More robust drive system via 2 motors (gantry drive)
- Material passage 60 mm (cutting height up to 50 mm)
- Cut a wide range of thick materials on one machine!
- Low energy consumption vacuum pump

- The conveyor enables automatic material transport directly from the roll

Compact E100

- Target market: Clothing and upholstery industry as well as companies processing technical textiles.
- Materials: Technical textiles as well as normal and sensitive textiles.
- Outstanding advantages: Synchronized fabric unrolling with carriage speed for a strainless lay. Wind abrasive device for high speed spreading.



Automatic Belt Loop and Pocket Setter by Jam International

Jam International is an Italian industry which develops and produces in Italy special high-tech machines and devices for clothing industry, particularly for jeans & casual. Jam International products are the best offered in the world market concerning quality, productivity and functionality. These products are developed with the highest professionalism in manufacturing machinery and devices, combined with a deep knowledge of customer's production requirements. Jam International has a Research, Development and Design department with highly qualified staff working under the direction of thirty-years experienced specialists. The applied technology is innovative and for the most part patented.

JT801M - Automatic Belt Loop Setter



The machine is equipped with:

- JAM International double needle bar sewing head with servo direct motor, double capacity hook and thread trimmer
- X-Y axes movement driven by stepper motors
- Loop catcher clamp and loader device driven by brushless motors
- Electronic self-learning system managed through the touch screen for detecting the junction or the lack of the loop

The intuitive color touch screen panel allows, moreover, to:

- Choose from 3 preset standard bartack shapes ("X", "O" and "double" shape);
- Program new bartacks starting from the standard ones and customizing the size and number of stitches;
- Set the start of the bartack (left, center, right);
- Choose the number of straight lines under the bartack (1, 2 or 3) and the corresponding stitch length;
- Make (on request) customized bartacks, different from the standard ones.

JT862M - Automatic Pocket Setter with Sewing Head in electric axis and folding group

The automatic unit JT862M is a programmable area pocket setter on jeans and similar, with a new folding unit 270×270 mm and an automatic stacker.

- Sewing head: Equipped with a JAM International lockstitch sewing head with direct motors, large capacity rotary hook and thread trimmer which, thanks to the electric axis, allow to process the pieces wider than average.



- Programmable electronic thread tension: Thread tension electronically controlled and settable through the touch screen. It is possible to program different tensions within the pocket sewing cycle
- Thread extension/thread lock: The thread extension / thread lock device allows to set through the touch screen the length of the residual thread after the thread trimmer and to obtain maximum quality at the next seam beginning.
- 5-movements folding group: It gives the possibility to sew non-standard pockets, such as the square pocket or with rounded corners, with excellent quality. The cold folding system guarantees high quality production standards even on the most difficult fabrics such as stretch, super stretch and knitwear.
- Pocket JIG: The pneumatic release allows changing the pocket jig in a few seconds. Thanks to a patented system, the customer has the possibility to create the templates independently in a simple way and by the use of common tools.

Pattern Making Suite and Artificial Intelligence by Crea Solution

Crea Solution stands at the forefront of innovation in the software and hardware systems, specializing in the comprehensive journey from design and pattern making through to fabric cutting. The company is player in the fashion, luxury, high-end leather goods, made to measure, home furnishings, and even the maritime and composite materials industries. Crea Solution is particularly renowned for its innovative range of products: CAD 2D/3D and nesting Suite, Artificial Intelligence and Vision system for cutting fabrics and Made to Measure integrated platform. Crea Solution MTM/MTO platform revolutionizes the production process by reducing the time from order receipt to fabric cutting to a mere 120 seconds, automating the entire workflow with unparalleled efficiency.

2D/3D Pattern Making Suite

Create™ is the Crea Solution 2D CAD Suite to create and modify patterns for fashion industry, fully integrate with 3D CAD Browzwear.

- Garade sized automatically
- Design a whole pattern base in only 10 seconds thanks to the macro functions integrated in the CAD
- Import and work on pattern created by other CADs



2D/3D Pattern Making Suite

- Accelerate your creative flow
- Digitize your patterns in 4 different ways
- Become a Crea CAD expert in ONLY 3 DAYS of training, thanks to the reduction of designing times, designers are able to fully express their creativity

MTM MTO Artificial Intelligence

Crea Solution has the only 100% fully automated process exploiting AI (Artificial Intelligence) to get the highest top-level quality of a Made to Measure/ Made to Order cloth with no manual work or pattern making skills.

Lets see all the automated steps that require no manual work and no specific skills (pattern making):

- Measurement taken in the shop (manually or via body scanner)
- Measures insertion in a web platform from the shop assistant and automatic creation of the order
- Automatic creation of MTM / MTO pattern
- Automatic nesting
- Artificial Vision of the fabric on the digital cutter and re-adaptation of the marker according to the conditions of the fabric (squares, stripes, repeated motifs, defects, folds ...)
- Automatic cut
- The cut patterns are ready to be sewed

Hangzhou IECHO Science & Technology's Cutting Systems

Hangzhou IECHO Science & Technology Co., Ltd. (Company abbreviation: IECHO, Stock code: 688092) is a global intelligent cutting solution supplier for non-metal industry. At present, the company has more than 400 employees, of which R&D personnel account for more than 30%. The manufacturing base exceeds 60,000 square meters. Based on technological innovation, IECHO provides professional products and technical services to more than 10 industries including composite materials, printing and packaging, textile and garment, automotive interior, advertising and printing, office automation and luggage.

TK4S Large Format Cutting System

TK4S Large Format Cutting System provides best choice for multi-industries automatic processing,

Its system can be precisely used for full cutting, half cutting, engraving, creasing, grooving and marking. Meanwhile, precise cutting performance could meet your large format requirement. User-friendly operating system will show you a prefect processing result.

BK4 High Speed Digital Cutting System

lecho new BK4 Cutting System is for single layer (few layers) cutting can work on process automatically and accurately, like through cut, milling, V groove, marking, etc. It can be widely used in the industries of automotive interior, advertising, furniture and composite, etc. Bk4 cutting system, with its high precision and efficiency, provides automated cutting solutions to variety of industries.



TK4S Large Format Cutting System



BK4 High Speed Digital Cutting System

Feed-off-the-Arm and Flatseamer by Kansai Special

More than 60 years specialists in chain stitch and cover stitch machines made in Japan Kansai Special operate worldwide through its own subsidiaries and a diversified dealer network. Its product range covers machines for following sectors: Jeans & work wear, sportswear, underwear, knitwear, children's and ladies' wear – from 1 up to 33 needle machines.

SQ7702FB/PF/AF/DD (Feed-off-the-Arm Machine for Lap Seaming of Shirts - with differential feed mechanism)

SQ series is square bed, 2~3needle double chain stitch machines for the following operations.

- Suitable for the crotch sewing and side seam such as jeans and working pants. and also for lap seaming of various kinds of fabrics
- Attaching the tape from the back neck to the shoulder

- And also, suitable for a lap seaming of shirts sleeves (light to medium thickness). And there are two kinds of differential feed dog which is right to left or front to back differential feed dog. These feed dogs are effective for preventing from sewing gap and puckering. Puller system is adjustable by the adjusting dial easily. And there are 2 kinds of puller systems either belt puller or smooth rubber roller

NFS6604GMH-DD (Flatseamer with Direct Drive and Pneumatic Chain Cutter)

4 needles, 6 threads feed-off-the-arm, flatseamer for medium to thick fabric equipped with both side cut presser foot, direct drive servo motor, digital hand pulley, pneumatic suction device & foot lifter.

Features

- Stitch length & differential ratio can be adjusted by levers from outside of the machine

- Adapted fixed type needle guard. Stitch length & differential ratio can be changed without adjusting the needle guard position
- Enclosed needle drive mechanism
- Direct drive servo motor, presser foot lifter & digital
- hand pulley are included



Latest Sewing Machines by Juki

Juki is a Japanese company renowned for its innovative technologies and superior quality, a world leading brand in the manufacture of sewing machines for the industrial and home sewing machine markets. Juki Corporation has been a pioneer in sewing machine technology for over 80 years. The firm supplies more than 170 nations with sewing equipment and related products and with established logistic networks we have the ability to supply the world with the best quality products. The Juki Corporation headquarters are located in Tokyo, Japan, with subsidiaries worldwide assisting in its sales, logistics and technical functions. The firm's insight into the world of sewing machine manufacturing began with home machines in 1947 from which we progressed to basic industrial machines becoming the world leader we are today.

DDL-9000C Series (Direct-drive, High-speed, Sewing System with Automatic Thread Trimmer)

JUKI's new direct-drive, high-speed, lockstitch sewing system with automatic thread trimmer - the DDL-9000C. This is the newest flagship lockstitch machine from the world's largest industrial sewing machine manufacturer. The machine has been digitalized to allow for easy adjustment of settings such as the feed mechanism, thread tension and the feed locus, all

through the operation panel. Perfect parameters needed to achieve a high quality seams can be achieved digitally and key conditions do not need to be manually adjusted. Thanks to the digitalization, optimum adjustment values required to produce high-quality seams can be stored on a material-by-material basis in the machines internal memory and can be reproduced with ease. For factories which produce diversified products using different materials, this feature is quite helpful to achieve stable seam quality in a time efficient manner.

AMS-251 (Head Turning type1 Needle CNC Sewing Machine)

AMS-251 is a high end 1 needle sewing machine provided with a machine-head-turning-mechanism. The new model guarantees high quality seams uniformly in every sewing direction. JUKI's unique synchronization technology guarantees stable control of the machine head, hook an feed mechanism, thereby creating the most favorable seams. With it's sewing area of "1.000 mm × 600 mm" the AMS-251 is best suited to the sewing of decorative stiches and large size products. The AMS-251 is ideally suited to the sewing of decorative stiches on car seats and luxury bags as well as air bags and other large size products with zero design tolerance for irregular stitching.



DDL-9000C Series (Direct-drive, High-speed, Sewing System with Automatic Thread Trimmer)



AMS-251 (Head Turning type1 Needle CNC Sewing Machine)

Automatic Cutting and Spreading machines by IMA

Since 1977 the name IMA has been synonymous with quality and technological innovation. For 45 years our company has dedicated itself to the production of automated machinery and equipment (specialized in handling and management systems of cloth rolls, spreading solutions, labelling and automatic cutting machines and software programs for the complete organization of the cutting room) for the garment industry and not only. After being pioneers of digital technology with the creation of the first full-digital spreading machine we are now pioneers of Industry 4.0 with our latest creation: "Syncro Cutting Room". Specialized in handling and management systems of cloth rolls, spreading solutions, automatic cutting machines and software programs for the complete organization of the cutting room.

Tempest Plus 921.30 - High precision for small series productions



Tempest Plus 30 - Automatic cutting machine for lays up to 30 mm compressed according to the type of fabric to cut. Structurally designed to achieve the highest level of performance and to reduce downtime during processing with high dynamic performances. The software of the machine is installed on a PC on board, increasing its efficiency and productivity, thanks to intuitive and flexible applications. Available as standard the possibility of storing an unlimited number of cutting profiles to be load if necessary. ntegrable

for Industry 4.0 and IMA Syncro Cutting Room System. The innovative management of the vacuum system guarantees a reduction in consumption with the same performance. The digital technology totally based on the ETHERCAT communication protocol allows checking the status of the machinery in real time, with self-diagnosis functions and automatic options for adjusting the performance based on the type of work in progress.

Among the most important innovations we find gantry management of the bridge movement, management of differentiated pressure of the utilities most involved in the cutting process, touch screen placed on the bridge to allow the operator greater ease of intervention, Equipped with an inverter on all the utilities, an eco-friendly management of each motorization is ensured.

Technical features:

- Cutting window length: 175 cm
- Cutting height: from single lay up to 30 mm of compressed fabric
- Installed power: 22 kw
- Power consumption: 6 kw
- Temperature from 10 ° to 60 °
- Umidity from 30% to 80% without condensation
- Voltage 400 V 3 PH 50/60 Hz
- Weight: ~ 2500 /2700 kg

890 Spreading and Unrolling Machine

Automatic spreading and unrolling machine IMA "Phoenix" series. Fabric Feeding, Tension Free and Automatic Braking systems digitally controlled. Equipped with onboard touch-screen to control



spreading operations. Auto-diagnosis function. Lowered cradle to facilitate fabric roll change. Programmable bi- directional cutting device. Automatic edge alignment and automatic stop for roll change. Fully automatic spreader adapted to be interfaced with planning offices and CAD systems. Possibility to program on the touchscreen spreading speed and acceleration. Automatic knife box lift. Standard spreading is face up and zig-zag without end cuts and without clamps. Face to face spreading is available as optional. Suitable for even/random step spreading. Possibility to stop the spreader and spreading as unrolling machine (single ply)

Technical Specifications

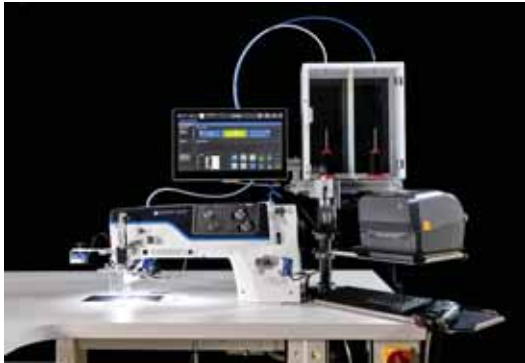
- Spreading speed: up to 100 m/min
- Lay Thickness: 20 cm
- Voltage: 400V / 3 / 50 Hz
- Capacity: 150Kg
- Roll Diameter: 50cm

Sewing Technologies by Dürkopp Adler

Dürkopp Adler is the biggest European manufacturer and technology leader for industrial sewing technology and drives. The innovative and high-end sewing machines from Dürkopp Adler are used in a wide range of applications: Men's and Lady's Wear, Sportswear/Knitwear, Workwear, Automotive, Upholstery, Technical Textiles, Shoes as well as Leather Goods. As a Premium manufacturer, the company Dürkopp Adler is developing automatic sewing units, standard sewing machines, flat and post-bed machines, cylinder arm machines, lock and chain stitch machines, CNC-controlled sewing units and sewing drives with an outstanding performance and quality. With more than 165 years of experience since its foundation, Dürkopp Adler and its distributors offer consultation and reliable service all around the world. Get inspired by the comprehensive range of products, outstanding solutions and our motto: No. 1 connecting fabrics!

550-D800 | Modular System for Safe and Documented Sewing

The documentation-capable 550-D800 workstations based on the M-TYPE DELTA platform sets new standards for safe and documented sewing. The modular conception allows a specific configuration with regard to the design of the sewing machine head, Poka Yoke applications and flexible interfaces for an easy connection to Industry 4.0 systems - individually adapted



to your respective application. The 550-D800 series is an advanced and future oriented sewing system focused on process reliability as well as monitoring and documentation of sewing processes to ensure faster and more effective production processes.

Benefits:

- Flexible interfaces for a fully digitized sewing system - innovative and future-oriented
- Modular system with different configuration options
- Touch panel PC with intuitive application software and database system for shorter teach-in times
- Additional components can be added subsequently - Workstations of series 550-D800 grow with requirements

- Poka Yoke error prevention systems
- Outstanding performance in the standard package
- Efficiency and reproducibility using electronic control elements

M-TYPE GAMMA | Proven Sewing Technology with Outstanding Ease of Operation

Convincing sewing technology, excellent performance parameters combined with modern control technology at an attractive price – these attributes characterize the machines of the M-TYPE GAMMA. The series impresses with high reliability, durability, an excellent price-performance ratio and thus represents the ideal entry-level model for medium-heavy duty application range.



Single-Ply Cutter and Spreading Machine's by KURIS

KURIS currently offers one of the most comprehensive product programs in the field of spreading and cutting technology. KURIS has its headquarters at Reichenbach in Baden-Württemberg, the home of German mechanical engineering. This location in a high-technology area guarantees solutions with a high degree of automation. At the same time, KURIS possesses a notable store of experience with more than 10,000 installations worldwide. Development, design and construction are state of the Art. As a result, solutions come from a single source and are characterized by a high quality of engineering and modern control technology. We are likewise involved in the development of the relevant software. The wide-ranging product program enables individual answers that take full and systematic account of the organizational preconditions and local situation of the customer.

Single-Ply-Cutter



The single-ply cutter series of KURIS »CUTTY« ist the fourth generation of proven and established single-ply cutters, completely revised and optimized. Significant is the individually optimized cutting head with programmable Z-axis for the cutting of textile materials, technical textiles, films, leather, plastics, prepreg, glass

fiber, carbon fiber, Honeycomb material (Honeycomb) and special materials. As for the variety of parts, there are fast and flexible options. All targeted is a maximum productivity and optimum production quality. The tool technology can individually and precisely be adapted to the respective material and achieves always optimal cutting conditions. The fourth generation is equipped with the Multi-Flex Tool adaptation.

As a fast and compact single-ply cutter this system persuades with fast positioning and cutting speed besides of extremely short plunge time. The tool-change system reduces the set-up time considerably because less adjustment operations are necessary. The consistent user interface and menu navigation is responsible for an easy handling. Operation errors and training costs are drastically reduced according to a mobile and innovative control system.

Spreading-Machine

The Kuris Shuttle spreading machine suits perfectly for critical, smooth materials and/or even badly rolled material bars with different surfaces. The new deviating roller system of the driven cradle or material bar ensures an excellent quality in spreading. Even through fully automatic spreading of tension-sensitive materials excellent spreading results will be achieved. The precise and regulated prefeed material roll will exactly suit the required spreading speed.

The semi of fully automatic unthreading/threading of the fabric will reduce essentially the set-up times. Many steps to be taken for the spreading with different positioning and cutting points, quantity of layers, zig-zag spreading programmers as well as numerous custom-made parameters can be individually programmed.



Advantages at a glance:

- Cradle with fully automated lifting for ergonomic loading process
- A new idler-pulley system for the continuous running of the conveyor belt (option)
- User-friendly machine control
- Graphical user interface
- Easy to use
- Software update possible even after several years of use
- Programming possibilities for many spreading steps
- Silicon coated drive wheel
- Photocell electric for the examination of the edge control even for difficult materials
- Different cutting units simply to be mounted
- Dynamic speed control
- Robust control cabinet-housing with power coating surface

Summa releases New Software GoProduce Flatbed Edition 3.0

Summa nv, a leading company of high-end cutting plotters and finishing systems, has released a new version of their GoProduce software, GoProduce Flatbed Edition 3.0. This software is explicitly tailored to Summa's flatbed cutter range, the F Series. As a result, the in-house developed software ensures optimal utilisation of the flatbed cutters and efficiency in customers' production processes.

GoProduce Flatbed Edition

GoProduce was originally released in 2019, as the first software module within Summa's GoSuite platform. This was followed by a major upgrade to version 2.0 in 2020. Summa always strives to deliver innovative and cutting-edge solutions, so the major upgrade was done to stay up-to-date with the latest technologies. Out of the same aspiration, GoProduce Flatbed Edition 3.0 is born. The specification 'Flatbed Edition' has now been added to the software name to make a clear distinction in the software available, as Summa also has production software for their L Series laser cutters called GoProduce Laser Edition.

The software comes with every new F Series and is easy to install. With its intuitive interface and easy navigation, the software is user-friendly and users quickly find their way around. For users who want to get the most out of their cutter and workflow, a Pro Pack is available that unlocks additional features such as Barcode functionality, Hot folder support and Twin X workflow.

General great things about GoProduce:

- **Material manager:** Library of materials and their optimised settings. There are already a whole lot of them included but you can also add new ones manually.
- **Action sets:** there are standard action sets or you can custom make them, perfect to optimise the workflow for your way of working.
- **Backside cutting:** it's possible to cut the unprinted backside of the material, perfect for cutting packages, as that way the tool does not damage the design.
- **Sorting:** Optimises the cutting path, making the machine more efficient and makes your output faster.
- **Barcode functionality Pro Pack:** The barcode functionality reads the printed barcode and automatically identifies the job to obtain the necessary cutting data from the computer.

More Powerful, More Connected, More Enhanced

The new GoProduce Flatbed Edition 3.0 is now available, and it has some great new features:

- **Powerful 64-bit software:** Not only does the software run faster, but there is now more working memory, making it operate more efficiently.



- **Connected media handling:** It integrates the flatbed cutter smoothly with peripherals to create an efficient automated workflow, using our GoConnect software integration.
- **New predefined action sets** for automatic feeder support.
- **New logging features** for better support.

The V3 software is optimised for routing jobs. It comes with new routing capabilities that are perfect for cutting out shapes more precisely. They maximise productivity when processing wood, acrylics, and plastics. The features supporting this are:

- **Automatic detection of drill hole placeholders.**
- **Lead-in or lead-out for the milling path:** It can now automatically start and end outside of the shape. There are two possibilities to do this using either a perpendicular lead-in or corner lead-in.

Empower Your Machine Precision

Randi Kerkaert, Product Manager at Summa, reflects on the importance of the upgrade for our customers: "I'm excited to see how this major software release will take our customers' production processes to the next level. We're not just updating features; each major upgrade enhances the way our users interact with their F Series flatbed cutters and helps to maximise the productivity of their equipment. With GoProduce Flatbed Edition 3.0, we're once again raising the bar for what users can achieve with our software."

The GoProduce Flatbed Edition 3.0 software is available with every new F Series and as a paid upgrade for existing users ▣

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Officina39 at Kingpins with its technologies and collaborations to make denim easier

Officina39, the Italian pioneer in sustainable chemical solutions for the textile industry, introduced EASYNDIGO at Kingpins Amsterdam. This latest innovation is reshaping the narrative of indigo with an advanced chemical package that simplifies dyeing raw garments in this iconic color. In a perfect blend of tradition and innovation, EASYNDIGO offers a two-phase approach based on the Pull&Push Mechanism:

1° step

The Pull mechanism works on raw garments to PULL indigo onto the fibers, using a special wetting and leveling agent called DETERWET EASYNDIGO, which acts as a solubilizer, ensures reproducibility and low-foaming, reducing dye migration during drying. It also involves the dispersing agent DISPERSOLO EASYNDIGO, effective for its diffusion-accelerating properties, which allows for a reduction in time and temperature of the dyeing process without compromising lightfastness.

2° step

The Push mechanism works on dye bath to PUSH the indigo into the fibers using an innovative compound named BASE EASYNDIGO and pre-reduced indigo DenimBlu30 by BluConnection. This method achieves a bright and deep indigo color, improves wash and rubbing fastness, enhances levelness, and is formaldehyde-free.

This innovative chemical package maximizes its effect in combination with Tonello's DyeMate technology. The partnership between the two Italian companies encapsulates a shared passion for indigo, having combined their efforts to develop this innovative chemical and technological dyeing process.

"R&D is like a marathon", states Andrea Venier – Managing Director Officina39, "We are proud to have reached this innovation on garment dyeing. In today's so complex and challenging business environment, partnering for innovation is a strategic approach for Officina39. Therefore, we coupled our innovative EASYNDIGO chemical package with Dyemate technology by Tonello. Tonello is the global leader of garment machineries and technologies, with them we share values, principles, and efforts for a better fashion and denim industry. That's why we joined efforts on this project. Together we unlocked the full potential of indigo garment dyeing".

And Alice Tonello, Marketing and R&D Director at Tonello, shares and confirms this perspective: "Indigo dyeing isn't just a process, it's a journey of innovation, and at Tonello we're proud to pioneer advancements that redefine the standards of garment dyeing. In this sense, collaborations are extremely important. That's why we've joined forces with a partner like Officina39, whose EASYNDIGO chemical package perfectly complements our DyeMate technology. Together, we're not only pushing boundaries but also opening up new possibilities and shaping the very essence of the industry".

This collaboration finds a new expression in the DEEPINDIGO project by the Colombian Telariazu Re-Lab. A unique artistic project which dives headfirst into the world of indigo dyeing, revealing the potential of Officina39's EASYNDIGO and Tonello's DyeMate whilst following the brand mission of Re-using, Re-thinking and Re-building.

Many more colors are easier with Recycrom™ Ready to Dye

Indigo was not the only thing on show in Amsterdam, as the collection presented by Officina39 explored a much wider range of colors, for denim and the whole fashion sector. It's the kaleidoscopic power of Recycrom™ Ready to Dye, a range of 15 ready in stock colors obtained from a minimum of 65% recycled textile pre- and post-consumer materials. Officina39 offers brands the possibility to choose and create their own solution from a standard color card, a palette of darker and brighter shades, guaranteeing a true upcycling of textile waste without any chemical synthesis.

Trustainable Vintage, eco-efficiency meets denim heritage

Not only upcycling. Another cornerstone of Officina39's mission is to reproduce classic looks and effects whilst saving considerable resources. Trustainable Vintage, debuted at Kingpins.



This innovative range reinterprets the essence of Officina39's Trustainable concept, ensuring an authentic look, while reducing energy consumption and use of hazardous chemicals, leading to significant advances in water conservation. It is rooted in Officina39's Aqualess Mission and marks the debut of a new technology that enriches this range even more: Aqualess All-In-One, a 100% pumice stone replacement and water free enzyme "all-in-one" product.

The tech-artistry of Pixel Art

Inspired by the indigenous painting techniques of Australian Aboriginals, Pixel Art by Officina39 is a testament to the beauty of merging art with technology. It is a special technique that gives space to two-dimensional dot graphics that are used as building blocks to make larger abstract scenes, through the use of shape and distortion.

Nature-inspired capsule collections

The fair also served as a platform for Officina39 to unveil its latest collaborations:

- The ECLECTIC NOMAD capsule collection, a result of the partnership with SFI and Artistic Milliners, is a celebration of nature's own processes of weathering and wear through sun and water effects. Officina39's state-of-the-art technologies like Aqualess Mission, Smart Bleach, Remover IND/J-N, Oz-One Powder, Recycrom™ Ready To Dye, have been leveraged to craft a worn, warped and distinctive collection that bears the authentic mark of time and the impact of natural elements.
- At Kingpins Amsterdam a garment collection debuted that marries Blueconnection's Nature Conscious Dyeing process (NCD – process) with Officina39's novel applications and better chemicals. This fusion results in a series of garments that bear a unique vintage soul, characterized by special abrasion effects and high contrast visuals ▣

Orange O Tec introduces PHOENIX K-64: The Game-Changing Digital Textile Printing Machine



Orange O Tec, a pioneering company in the digital textile printing industry in India, proudly unveils its latest innovation: the Phoenix K-64 digital textile printing machine. Designed to revolutionise the textile printing landscape, the Phoenix K-64 boasts 64 heads by the renowned company Homer, offering unparalleled speed, precision, and efficiency.

With a production capacity of up to 15,000 meters per day, the Phoenix K-64 emerges as the fastest machine in India, setting new benchmarks for productivity and performance. Its cutting-edge technology ensures precise printing, delivering superior results with every run. It is the one of the fastest scanning machine in this range.

In all the senses, Phoenix K-64 is an ideal solution for replacement of conventional flat bed production, as it is much faster and more efficient. The machine as already arrived in major locations of the North and West regions of India. Considering its advantages, the textile printers are showing keen interest in adopting this new revolution.

Orange O Tec, based in Surat, Gujarat, has established itself as a formidable player in the digital textile printing industry, capturing over 35% of the market share. With a mission to democratise the textile industry, Orange O Tec empowers creative minds with limited capital resources to establish their printing setups. Unlike traditional methods that demand substantial investments in infrastructure, Orange O Tec's digital printing machines offer cost-effective and flexible solutions, enabling even small business owners to realize their creative visions.

In a strategic partnership with Homer Group, a comprehensive industrial digital printing solution provider, Orange O Tec enhances its offerings with access to cutting-edge technology and expert support. Homer specialises in digital inkjet printing technology, providing end-to-end solutions for various industries, including advertising, home improvement, clothing, textiles, packaging, and more. With a portfolio encompassing digital inkjet printing equipment, software, ink, accessories, and professional services, Homer ensures that customers receive high-quality printing solutions tailored to their specific needs.

"The launch of the Phoenix K-64 marks a new era of innovation and efficiency in our industry, empowering businesses of all sizes to unleash their creativity and achieve unparalleled success," said Aayush Rathi, Director Orange O Tec, adding "Our collaboration with Homer represents a significant milestone in our journey to redefine the digital textile printing landscape."

As the demand for digital textile printing continues to soar, the Phoenix K-64 emerges as a game-changer, offering unmatched speed, precision, and reliability. With its exceptional performance and strategic partnership with Homer, Orange O Tec reaffirms its commitment to driving innovation and transformation in the textile printing industry ■

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GTE Bengaluru edition to have special zone for Fabrics and Garment Accessories & Trims



Bengaluru, the city known for its IT industry, is one of the most important silk and garment manufacturing hubs in India with more than 2500 garment manufacturers and exporters, employing more than 5,00,000 workers. Today overseas buyers view Bengaluru as an important location for sourcing of value added garments after New Delhi and Mumbai. Total garment production here is more than Rs.3,800cr of which 65 percent is exported and rest is consumed by the local Indian market. Today, most of the leading apparel brands have their manufacturing facilities in Bengaluru and nearby districts like Bellary, Belgaum, Shimoga and Dharwad.

Moreover, many textile-manufacturing hubs in Southern India like Tirupur, Erode, Karur, Salem and Coimbatore are also very well connected with Bengaluru through roads and railways. In the past few years, more than 11 apparel and textile parks have been announced, and many more are planned for coming years by the Govt. of Karnataka. All this makes Bengaluru an important garment manufacturing hub in India.

Looking at this Garment Technology Expo (GTE) started here in the year 2006. Today GTE Bengaluru edition stands at the threshold of its 36th edition, which will be held from 20–22 September at GayatriVihar, Palace Grounds. This is South India's most comprehensive garment technology expo, showcasing anything and everything related to garment making. It is one of the most trusted brands as far as exhibitions related to garment technology are concerned. The biggest industry show covers all segments of the industry; right from the latest apparel technology to spares parts & consumables; from infrastructure set-up to latest processes & systems; from raw materials to trimmings; from logistics & packaging solutions. It aims to offer a complete sourcing platform for apparel manufacturers with world-class products and services.

GTE Bengaluru edition is held every alternate year and is also growing in stature and reach with each show. Looking at the growing demand from the industry, this edition will have special zone for Fabrics as well as Garment Accessories & Trimmings. In the fabric zone visitors can see live samples and source variety of fabrics in woven and knits in various blends. Similarly in Garment Accessories & Trimming zone, garment manufactures can find all kind of trims and embellishments required for their garments. To encourage this segment, organisers have provided special price with small stalls in multiples of 4 square mtr to facilitate their participation.

Now GTE exhibition is considered the best launchpad for introducing innovations, technology upgrades, new materials, processes and services for the garment and knitting industries in India. Hence, it is the best platform to introduce new technologies, services and processes as well as building new relationships and business alliances where buyers and sellers interact directly. This is the best place to position and promote your brand.

According to Ricky Sahni, Joint Managing Director " This edition will have more than 200 brands and companies participating from all over world. The show has a perfect mix of participants representing all segments of garment technology. This year we are also going to have special zone for for Fabrics and Garment Accessories & Trimmings. Many new companies are participating and launching their new automation for garment making. I am sure visitors will find it very useful".

According to Ambrish Chopra, Director, "We are coming back to Gayatri Palace Grounds which is in the heart of Bengaluru. The show will be bigger in terms of number of participating brands and overall space compare to our last edition here. Timing of this show is perfect as industry is expected to be back on track after



Ricky Sahni, Joint Managing Director
Garment Technology Expo Pvt. Ltd.



Ambrish Chopra, Director
Garment Technology Expo Pvt. Ltd.

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elections and many factories are planning to expand or upgrade their manufacturing facilities. Apart from Bengaluru, we are also inviting companies from nearby States like Tamil Nadu, Kerala, Telengana and Andhra".

The show is supported by many Garment Exporters Associations and approved by the Ministry of MSME, Govt. of India. This edition of the show will have more than 250 brands and companies spread over two halls. All leading technology suppliers from all over the world are present and will display their latest technologies. The garment industry will have an opportunity to see live demonstration of the technology and find right solution for sourcing their manufacturing needs.

Having started in 2001 with 87 participants and managing 4700 visitors in Delhi, the show has grown manifold through its journey of 35 editions of consistent patronage. GTE Bengaluru and Ahmedabad editions are held once in every two years whereas GTE Delhi show is held once every year. Garment Technology Expo (GTE) is the most sought after show where every aspect of apparel making technology is showcased ■

Slight decline seen in textile exports from Tamil Nadu in FY 2024

Textile exports from Tamil Nadu - India's top textile exporting state saw a slight drop to \$7.1 bn in FY24 as against \$7.9 bn in the previous fiscal. Share of exports from Tamil Nadu to the overall textile export value too marginally dropped to 20.78 per cent against 22.58 per cent in the previous year, according to Government data.

Within total textiles exports from the State, readymade garments was \$4.69 bn; cotton yarn/fabrics/made ups, handloom products was \$2.06 bn; manmade yarn/fabrics/madeups was \$286 mn; handicrafts excluding handmade was \$89.20 mn; carpet 19.17 mn and carpet jute Manufacturing, including floor covering was \$5.85 million. Gujarat was the second largest exporter of textiles and at the third position was Maharashtra, the data said.

Siddhartha Rajagopal, Executive Director, Texprocil, said, overall exports of textiles have dropped by 3.24 per cent in fiscal year 2023-24 compared to the earlier year. At the same time it needs to be highlighted that the export of cotton textiles for the year 2023- 2024 have reached \$11,683 mn, growing by approx. 6.7 per cent over the previous year."This is a bright spot within the overall textile and apparel basket," he said.

As regards Tamil Nadu, the decline has been a very marginal 2.2 per cent lower than the overall drop in textile exports. The main reasons for decline in Tamil Nadu were the high raw material prices in the initial months of the earlier fiscal year, low capacity utilisation by spinning units and the low off take of garments, which has also led to an overall decline in apparel exports from India by (-) 10.25 per cent.

Going forward the position should improve for both Tamil Nadu and India on the export front as demand stabilises, price of raw materials remain range bound and the India- UK FTA is signed, he said.

On the drop in textile exports from Tamil Nadu, Indian Texpreneurs Federation's PrabhuDhamodharan said, "We need to keep in mind the fall in commodity prices and its impact on apparel product export prices while comparing the YoY numbers. Based on that factor, the drop in value may not translate exactly in to volume numbers."

Another influencing factor is fall of demand for knitted apparels globally due to excessive buying during the previous year resulted in higher inventory levels with retailers. TamilNadu being a dominant player in knitted apparel exports faced this cyclical issue, he said.

Apart from these cyclical issues, a few structural issues are also emerging now. Tamil Nadu's textile and apparel sector known for its quality products need to build scale, competitiveness, specialisation and market diversification strategies to compete with other emerging states and also competing countries. "Some good efforts are going on in our clusters in all these aspects and we may bounce back soon with growth in this FY 24-25," he said.

Sustainable garments using recycled materials and cellulosic fibres also getting traction here in our region and that will help in capturing the higher value add orders to improve our overall value in exports, said Dhamodharan.

On action that needs to be taken to boost the textiles sector in Tamil Nadu, Dhamodharan said the State's textile and apparel sector is strategically positioning itself to capitalise on the "China plus one" trend, and focusing on enhancing competitiveness and specialisation over the next decade.

The industry emphasises the importance of a stable policy environment, particularly regarding zero tax regime on raw material imports. This stability is crucial for improving value-added exports within the textile value chain, particularly in the Western region of Tamil Nadu.

Tamil Nadu Mitra Park

The swift execution of Tamil Nadu Mitra Park is important for expanding processing capacity, which in turn will bolster valueadded exports. Ensuring



timely implementation is essential to realise China plus one opportunity and enhance the sector's competitiveness.

Modernisation

To maintain competitiveness, the spinning sector in Tamil Nadu requires modernisation. Providing one-time support for modernisation efforts and allocating additional funds to newly launched modernisation support schemes from the State will facilitate the modernization of the yarn sector. This modernisation is essential for regaining market share in yarn exports, he said



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Second edition of GARFAB-TX Jaipur held successfully with good visitor response



Rajasthan is a major producer of printed, dyed fabric and tie-dye for fashion garment industry. Jaipur is the capital of Rajasthan and its largest city, has well developed social, physical and industrial infrastructure as well as good virtual connectivity. Majority of the factories here are located in designated Industrial areas and Export promotional industrial parks resulting in professional and systematic working. The garment manufacturing industry has been flourishing in the state since more than 35 years. The garment business in Jaipur has grown many folds both in exports and domestic as manufacturing cost is less here with trained pool of manpower and expertise in manufacturing garments. In recent times companies have invested in advanced and highly sophisticated Cut to Pack facilities, with advanced machinery and attracted many international buyers.

Looking at this growing need of technology up gradation, the 2nd edition of Garfab-TX Jaipur was organized by Vardaan events Pvt. Ltd. This is an international trade show on apparel technology, along with spare parts and accessories that was held at the Jaipur Exhibition and Convention Centre (JECC) from April 05–07, 2024. The show was supported by the Garment Exporter Association of Rajasthan, Association of Garment Exporters Sitapura, Sangner Kapda Rangai Chhapai Association and cosponsored by Parul Textile. The event was inaugurated by Nilesh Agarwal, President of Sitapura Industries Association, in the presence of leading players from the Jaipur textile industry. In this exhibition, a total of 30 exhibitors representing more than 40 brands, both international and domestic were present, which attracted around 4,700 visitors from this region.

Good number of trade visitors visited the three-day event to expand or upgrade their business in the textile industry in India. The show provided an opportunity to the leading technology providers from all over world to showcase their latest offerings and giving a boost to the industry's growth in this region. Garfab – TX Jaipur provided a unique platform for international and national technology suppliers to showcase their latest offering in CAD/CAM, Spreading, Cutting, Sewing machines, Embroidery machines, Digital & Screen printing machines, Flat Knitting Machines, Dyeing, Washing & finishing, chemical & ink, spare parts & accessories etc.

While speaking after the show BP Mishra, CEO, Vardaan Events Pvt. Ltd said, this is our second show in Jaipur organized in the world class Jaipur



Exhibition and Convention Center, which is a growing market in apparel manufacturing for both domestic and exports. It is a biggest manufacturing hub for Kurtis. The latest technologies from flat bed printing, digital printing, embroidery and sewing on display played an important role in attracting good quality visitors at the show. We are very happy with the response from the industry and confident that the next edition will be much bigger show. All the exhibitors reported good number of enquiries and many on the spot order were also placed."

The organizer Vardaan Events Private Limited is being in existence since 2001, and has completed 21 years of organizing world class exhibitions in India. It has already organized more than 80 exhibitions in 7 cities in India for various segments including Garment & Textile machinery. Now Vardaan Events has successfully established its brand name in the Indian textile industry, and its shows are now well-known all over including Garfab-TX, Garknit-X and Texma. All these shows are known to showcase the latest machines and processes for textile industry. New innovations, product launches, product upgrades, live demonstrations, new materials, etc. are the main highlights of each successive show. By organizing these events Vardaan Events has helped the industry players to upgrade their technology and become world class apparel and textile manufacturers.



Success of CMAI FAB Show 2024

Beckons a Bright Future for India's Textile & Apparel Industry

The Fabrics, Accessories & Beyond Show 2024 (FAB Show 2024), hosted by the Clothing Manufacturers Association of India (CMAI), wrapped up its 4th edition on a successful note consequently boosting Textile industry sentiments with exceedingly high business prospects. The three-day event, which took place from April 15 to April 17 at the Bombay Exhibition Centre, Mumbai, outperformed industry expectations with an estimated business generation of more than 2,100 crores.



The trade show successfully attracted 10,200 trade visitors from 320+ cities across India which included over 1,500 elite platinum buyers. Moreover, overseas buyers from 16 countries mainly Bangladesh, UAE, Bahrain, Egypt, Russia, Hong Kong, USA, Kenya, Sri Lanka and Nepal also visited the show. The presence of sourcing heads from renowned brands and retail majors like Aditya Birla Fashion & Retail, Bestseller, Gokaldas Exports, Kora, Mufti, Pepe Jeans, Reliance Brands, Shoppers Stop, Soch, Stori, Spykar, Westside and many others further boosted industry confidence thus reflecting the event's importance as a prime sourcing platform.

Speaking about the success of FAB show, Rajesh Masand, President, CMAI expressed, "The impact of this grand sourcing event will resonate across the garment industry supply chain, promising not only immediate business but also long-term strategic developments and new sourcing relationships for all stakeholders involved. The remarkable success of this year's show reflects a buoyant industry outlook, fuelling optimism for a robust recovery in the upcoming seasons. This resurgence comes at a crucial time as our industry was stressed with tepid demand and recent challenges like the amendment affecting MSME payments. With the positive momentum generated by the FAB Show, there is a renewed confidence that the industry outlook will soon be back on growth path."

This year's FAB Show was a focal point for industry Innovation and Sustainability, showcased by over 200 domestic exhibitors, including major names like Grasim, Arvind, Siyaram's, Gokul Print, Jindal, BanswaraSyntex, Ruby Mills, Bhagwan Enterprise apart from many MSME's. Noteworthy participants from diverse sectors such as fabric suppliers, accessories manufacturers and software developers demonstrated their latest offerings and services to a discerning audience.

"FAB Show 2024 has set a new benchmark for success in the textile & apparel industry, reflecting our commitment to driving growth and sustainability," said Naveen Sainani, Chairman FAB Show, CMAI. The Sustainability zone was a major attraction at the fair which showcased fabrics crafted from waste, recyclable materials and educated about benefits of waste water management promoting innovation & circularity which is a cornerstone of CMAI's holistic strategy to engage, educate, and inspire the garment industry. He further elaborated "Our environment is changing and if the world can't avoid deforestation, we need to invest in reforestation. On behalf of the 2876 visitors who pledged to voluntarily become earth warriors, CMAI will be planting 2876 tree saplings to create a healthier environment, fight climate change, and protect biodiversity".

The Surat Pavilion organised by the Southern Gujarat Chamber of Commerce & Industry (SGCCI) showcased over 40 leading fabric manufacturers for the fourth consecutive edition of FAB. One of the key reasons for the popularity of the

Surat pavilion amongst the visitors is their ability to present the latest trends and understand the needs of the garment industry. Speaking about the current business landscape, Siddharth Dhawan, Director, Gokul Tex Print – a leading fabric manufacturer from Surat, expressed, "We have seen a steady growth over the last year, which slowed down in the last few months due to the MSME payment amendment that came in. This year, we are confident that starting June till December, signs of growth will become evident as we deliver the merchandise to manufacturers, which they will provide in the market." Another participant, Ritesh Patel, Director, Surbhi Textile Mills from Surat said "We received an extraordinary response for all of our products and the presence of buyers from all across the country gave us a great exposure. We are looking forward to participate in the next CMAI show".

Speaking about their business outlook, Murugan Thenkondar, President – Marketing & Global Head – Business Development, Aditya Birla (Cellulosic Fibres) stated "The export market is facing lot of turbulence currently and our domestic market has been growing steadily which is the reason we are exhibiting here. CMAI has been highly successful in presenting the textile value chain to participate mainly cloth manufacturing brands, yarns, weavers, knitters, spinners and fibres thus offering a one-stop-destination to meet sourcing requirements. Distinguishing from other fairs, FAB is an excellent annual platform for the domestic customers and we are seeing a lot of positive energy at the show".

Sailesh Kukreja, Managing Director, Bhagwan Enterprise from Mumbai elatedly said "We thank CMAI for implementing innovative measures to ensure the presence of buyers from across the country that made the fair a thrilling success. The exhibition was well organized and the on-spot visitor registration process was very swift. The overall publicity campaign was very well designed and consistently created a buzz on social media. We look forward to participate in all upcoming CMAI fairs and hope for a grander success". Speaking about Sustainability, J.P. Singh, Director, Ramtex - Parmeshwari Silk Mills from Ludhiana said, "We are committed to Sustainability and have adapted eco-friendly processes to save approximately four lakh litres of water daily. It is heartening to see that consumers are getting more environment conscious by the day and are preferring eco-friendly fabrics such as ours. Our main markets have been Punjab, Haryana and Delhi; however, we have started receiving increased demand through our distributors from Mumbai, Pune, Hyderabad, Chennai, Bengaluru, Kolkata and Indore too."

A lucky draw contest was also held on all the three days of the show wherein Rupees 10 lacs worth of scooters, gift cards and holiday vouchers of leading brands were handed out to visitors and exhibitors ■

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30 May – 01 June, 2024
Venue: ICCB, Dhaka, Bangladesh
Organizer: Worldex India Exhibition & Promotion Pvt. Ltd.
Tel : +(91)-(22) 40376700

» **DENIM PV**
05 – 06, June 2024
Venue: SuperstudioPiu, Milan
Organizer: Premiere Vision SA
Tel: +33 (0)4 7260 6555

» **GARFAB-TX HYDERABAD**
06 – 08 June, 2024
Venue: Classic Gardens Paradise Circle, Hyderabad
Organizer: Vardaan Events Pvt. Ltd
Tel: 98211 70104, 93414 44727

» **INTERTEXTILE SHENZHEN APPAREL FABRICS**
05 – 07, June 2024
Venue: Shenzhen, China
Organizer: Messe Frankfurt GmbH
Tel: +4969 7575-5869

» **YARN EXPO**
05 – 07, June 2024
Venue: Shenzhen, China
Organizer: Messe Frankfurt GmbH
Tel: +4969 7575-5869

» **PITTI IMMAGINE UOMO FLORENCE**
11 – 14, June 2024
Venue: Fortezza da Basso, VialeFilippoStrozzi 1, 50129 Florence, Florence, Tuscany, Italy
Organizer: PittiImmagineSrl.
Tel: +39 (0)55 36931

» **PITTI IMMAGINE BIMBO FLORENCE**
19 – 21, June 2024
Venue: Fortezza da Basso, VialeFilippoStrozzi 1, 50129 Florence, Florence, Tuscany, Italy
Organizer: PittiImmagineSrl.
Tel: +39 (0)55 36931

» **TEXWORLD APPAREL SOURCING**
01 – 03, July 2024
Venue: Porte de Versailles, Hall 7, Paris
Organizer: Messe Frankfurt France S.A.S.
Tel: +33 6 74 29 09 07

» **TEXWORLD DENIM**
01 – 03, July 2024
Venue: Porte de Versailles, Hall 7, Paris
Organizer: Messe Frankfurt France S.A.S.
Tel: +33 6 74 29 09 07

» **PREMIERE VISION- PARIS**
02 – 04, July 2024
Venue: Parc des expositions Paris Nord Villepinte, Paris, France
Organizer: Premiere Vision SA
Tel: +33 (0)4 7260 6555
- » **KINGPINS NEW YORK**
17 – 18, July 2024
Venue: 299 South St. New York, NY 10002
Organizer: Olah Inc.
Tel: +1 212-260-9266

» **FABRICS & ACCESSORIES TRADE SHOW**
18 – 20, July 2024
Venue: Pragati Maidan, New Delhi, India
Organizer: SS Textile Media P. Ltd.
Tel: +91 8884564643

» **DYCHEM TEXPROCESS SHOW**
18 – 20 July, 2024
Venue: Pragati Maidan, New Delhi, India
Organizer: SS Textile Media Pvt. Ltd.
Tel: +91 8884564643

» **INDO GARMENT & TEXTILE 2024**
31 July - 02 August, 2024
Venue: Jakarta International Expo, Jakarta, Indonesia
Organizer: Krista Exhibitions
Tel: (+62-21) 6345861, 6345862

» **GARTEX TEXPROCESS**
01 – 03, August 2024
Venue: India International Convention & Expo Centre (Yashobhoomi), Dwarka, New Delhi
Organizer: MEX Exhibitions & Messe Frankfurt Trade Fairs India Pvt Ltd.
Tel: 9873993950, 91-22-61445990

» **INTEX SOUTH ASIA – SRI LANKA**
07 – 09, August 2024
Venue: BMICH, Colombo, Sri Lanka
Organiser: Worldex India Exhibition & Promotion Pvt. Ltd.
Tel : +(91)-(22) 40376700

» **KNIT SHOW 2024**
09 – 11 August, 2024
Venue: Toplight Trade Center, Kangeyam Main Road, Manimahal Bus Stop, Tirupur
Organizer: Knit Show Trade Exposition
Tel: 98436 26285, 94437 92612

» **COMBODIA INT'L TEXTILE GARMENT INDUSTRY EXHIBITION**
14 – 17, August 2024
Venue: Diamond Island Convention & Exhibition Centre, Cambodia
Organizer: Chan Chao Intl. Co., Ltd.
Tel: +886-2-2659-6000

» **INTERTEXTILE SHANGHAI APPAREL FABRICS**
27 – 29, August 2024
Venue: National Exhibition and Convention Center (Shanghai), China
Organizer: Messe Frankfurt (HK) Ltd.
Tel: +852 2802 7728

» **YARN EXPO - AUTUMN**
27 – 29, August 2024
Venue: National Exhibition and Convention Center (Shanghai), China
Organizer: Messe Frankfurt (HK) Ltd.
Tel: +852 2802 7728

» **INDIA INTERNATIONAL KNIT FAIR**
04 – 06 September, 2024
Venue: India Knit Fair Complex, Tirupur
Organizer: India Knit Fair Association
Tel: 9894124744, 9944938318
- » **INTERFILIERE PARIS**
10 – 12, September 2024
Venue: Paris Expo Porte de Versailles, France
Organizer: Eurovet
Tel: +1.212.993.8598

» **CURVE PARIS**
10 – 12, September 2024
Venue: Paris Expo Porte de Versailles, France
Organizer: Eurovet
Tel: +1.212.993.8598

» **DYCHEM TEXPROCESS SHOW**
12 – 14, September 2024
Venue: IKF Complex, Tirupur
Organizer: SS Textile Media Pvt. Ltd.
Tel: +91 8884564643

» **GARFAB-TX SURAT**
13 – 15, September 2024
Venue: Surat International Exhibition and Convention Centre (SIECC), Sarsana
Organizer: Vardaan Events Pvt Ltd
Tel: 98211 70104, 93414 44727

» **GTE - BENGALURU**
20 – 22, September 2024
Venue: Gayatri Vihar Palace Ground, Bengaluru, India
Organizer: Garment Technology Expo P. Ltd.
Tel: 99011 06749 / +91 98733 11224

» **VIETNAM INT'L TEXTILE GARMENT INDUSTRY EXHIBITION**
25 – 28, September 2024
Venue: Saigon Exhibition & Convention Center, Ho Chi Minh City, Vietnam
Organizer: Chan Chao International Co., Ltd
Tel: +886-2-26596000

» **FESPA MEXICO 2024**
26 – 28, September 2024
Venue: Mexico City, Mexico
Organiser: FESPA
Tel: +44 1737 240788

» **LAKME FASHION WEEK**
11 – 15, October 2024
Venue: Delhi
Organizer: Lakmé, and IMG Reliance Ltd.
Tel: +91 22 3566 2300

» **ITMA AISA+CITME 2024**
14 – 18, October 2024
Venue: National Exhibition and Convention Center (Shanghai), China
Organiser: Beijing Textile Machinery International Exhibition Co.
Tel: +86 10 58222655 / 58222955

» **JIAM 2024 OSAKA**
27 – 30, November 2024
Venue: Intex Osaka, Japan
Organizer: JASMA
Tel: +81-3-3262-8453

» **INMODA 2024**
05 – 07, December 2024
Venue: IICC - Dwarka Sector 25, New Delhi
Organizer: Worldex India Exhibition & Promotion Private Limited
Tel: (91)-(22) 40376700 - 30
- » **MYANMAR INT'L TEXTILE GARMENT INDUSTRY EXHIBITION**
13 – 16, December 2024
Venue: Yangon Convention Centre, Myanmar
Organizer: Chan Chao Intl. Co., Ltd.
Tel: +886-2-2659-6000

» **GARKNIT-X KOLKATA**
20 – 22, December 2024
Venue: Biswa Bangla MelaPrangan, Park Circus, Kolkata, West Bengal,
Organizer: Vardaan Events Pvt Ltd
Tel: 98211 70104, 93414 44727

» **YARNFAB-TX KOLKATA**
20 – 22, December 2024
Venue: Biswa Bangla MelaPrangan, Park Circus, Kolkata, West Bengal,
Organizer: Vardaan Events Pvt Ltd
Tel: 98211 70104, 93414 44727

» **GARTEX TEXPROCESS**
13 – 15, February 2025
Venue: Jio World Convention Centre, BandraKurla Complex, Mumbai
Organizers: MEX Exhibitions & Messe Frankfurt Trade Fairs India Pvt Ltd.
Tel: 9873993950, 91-22-61445990

» **DTG BANGLADESH 2024**
20 – 23, February 2025
Venue: International Convention City Bashundhara (ICCB), Dhaka, Bangladesh
Organizer: Chan Chao International Co., Ltd
Tel: +886-2-26596000

» **VIETNAM INTERNATIONAL TRADE FAIR FOR APPAREL, TEXTILES AND TEXTILE TECHNOLOGIES**
26 – 28, February 2025
Venue: Ho Chi Minh City, Vietnam
Organizer: Messe Frankfurt (HK) Ltd.
Tel: +852 2802 7728

» **PAMEX 2026**
27 – 30, January 2026
Venue: Bombay Exhibition Centre, Mumbai
Organizers: Print Packaging.com P. Ltd.
Tel: 91-22-27812093, 27812619

» **TECHTEXTIL FRANKFURT**
21 – 24, April 2026
Venue: Frankfurt am Main, Germany
Organizer: Messe Frankfurt GmbH
Tel: +4969 7575-5869

» **TEXPROCESS FRANKFURT**
21 – 24, April 2026
Venue: Frankfurt am Main, Germany
Organizer: Messe Frankfurt GmbH
Tel: +4969 7575-5869

» **ITMA – HANNOVER**
16 – 22, September 2027
Venue: Hannover Exhibition Centre, Hannover
Organizer: ITMA Services Pte Ltd.
Tel: +65 6849 9368

(You are requested to reconfirm dates and other information from respective organisers prior to making your travel arrangements)



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