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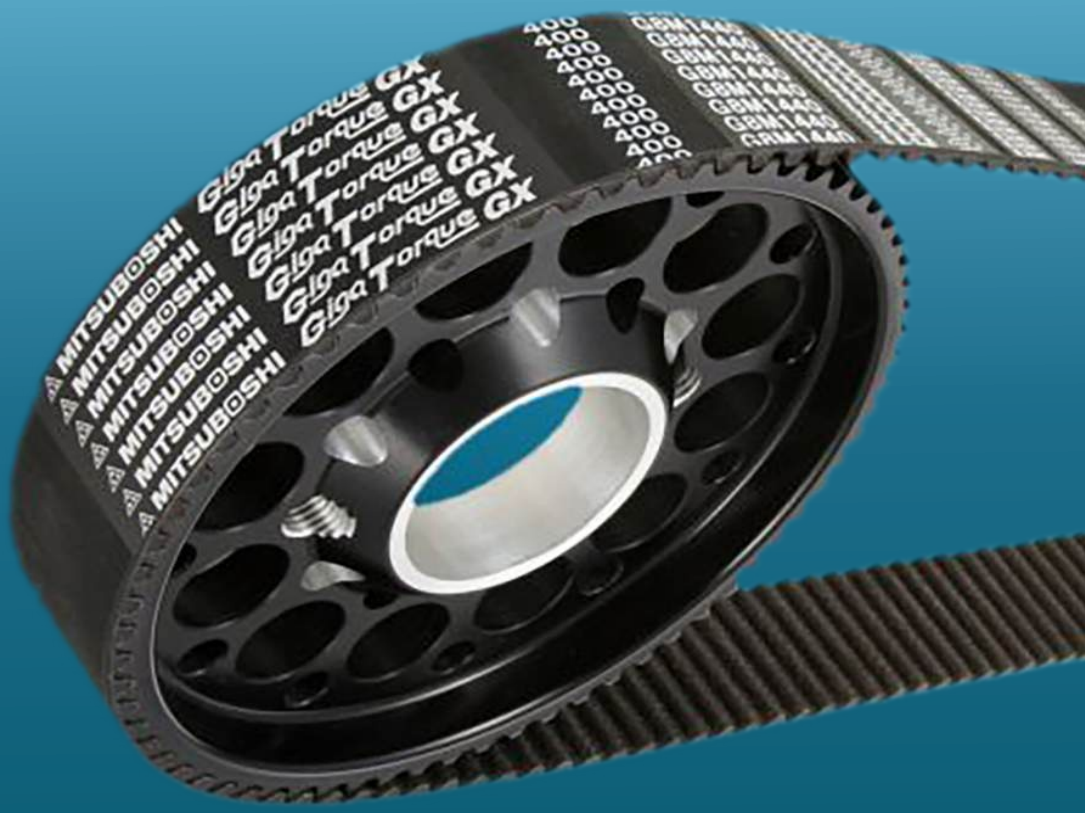

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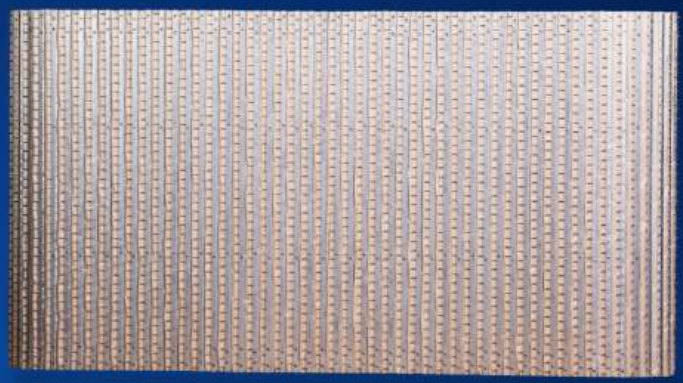

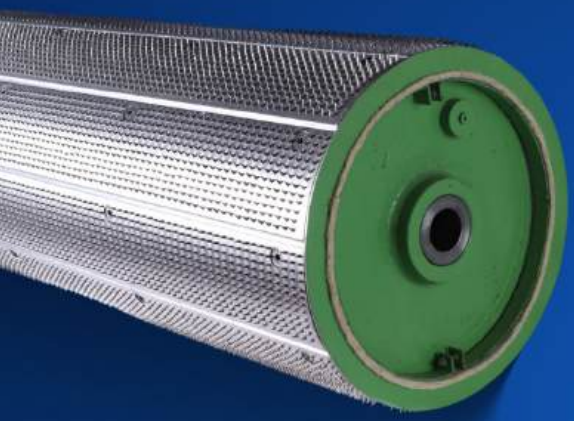

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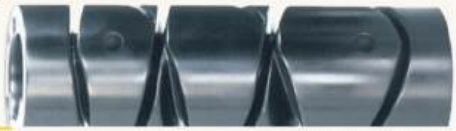

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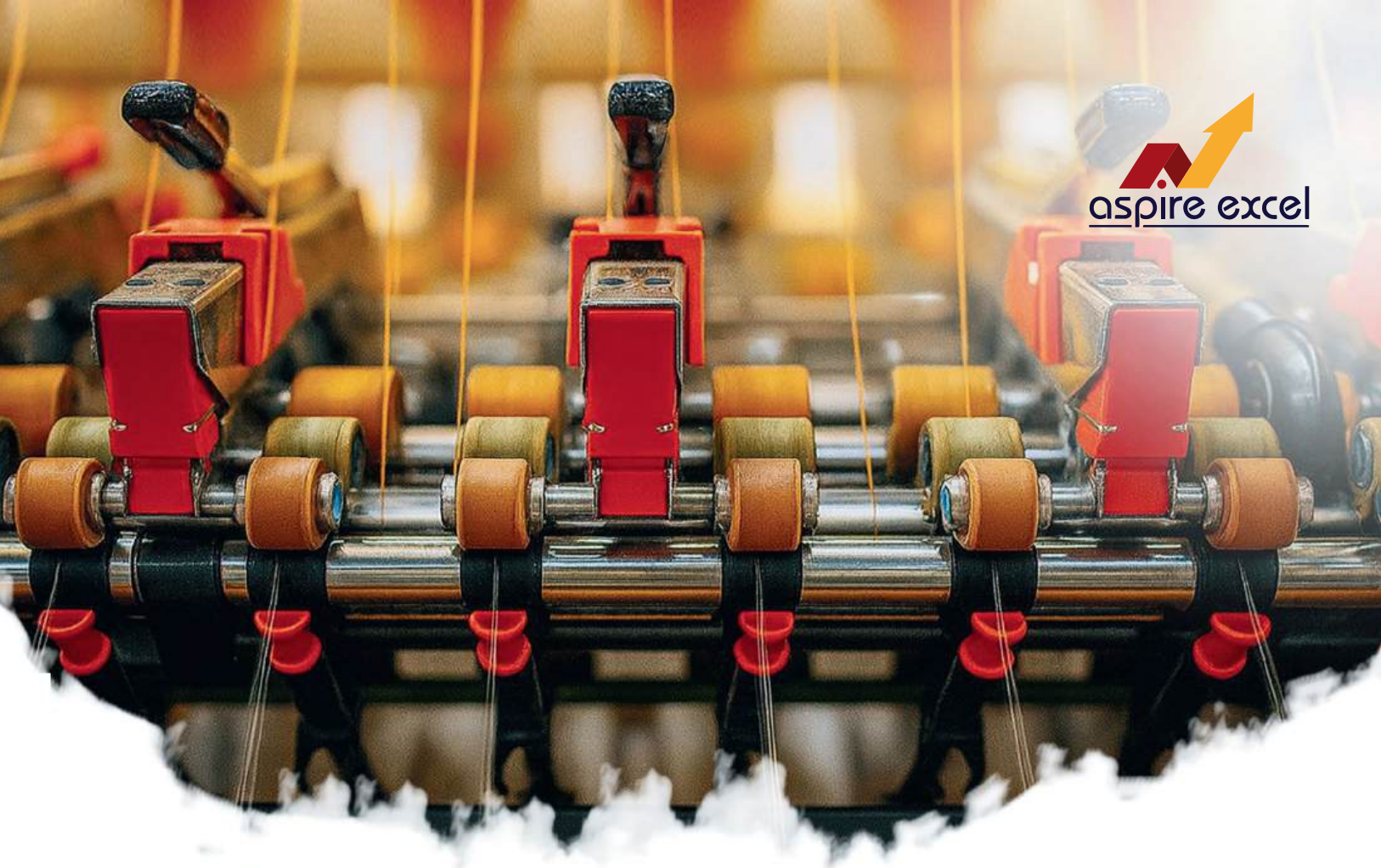

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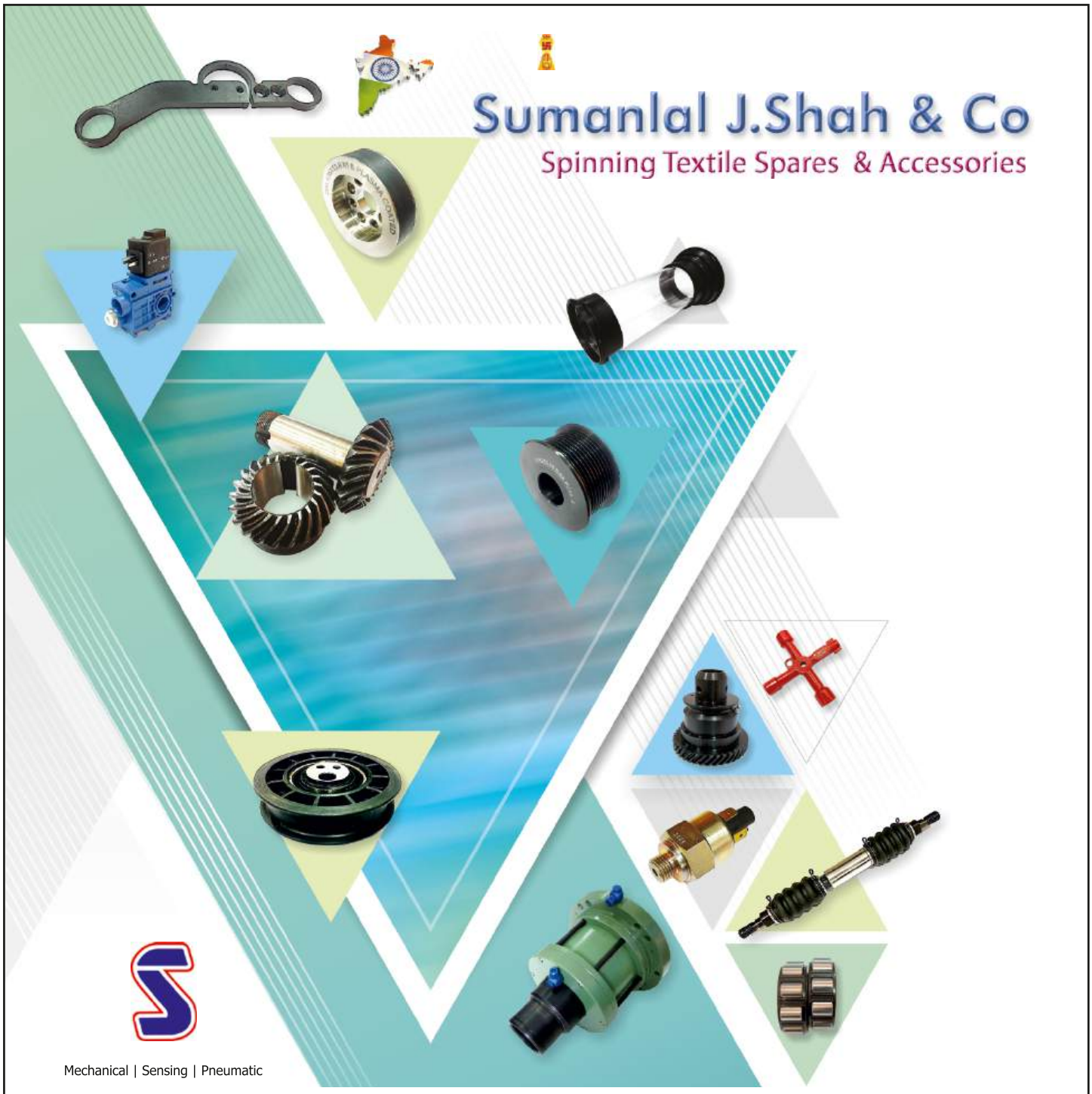

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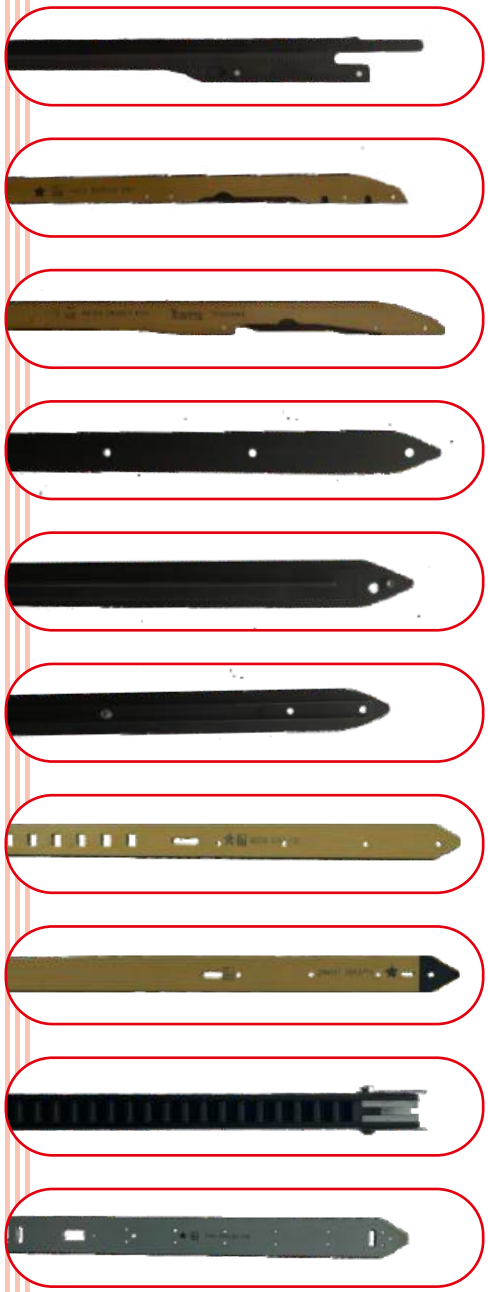

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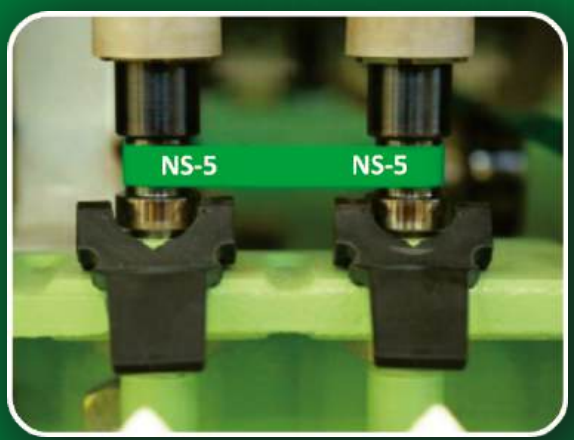

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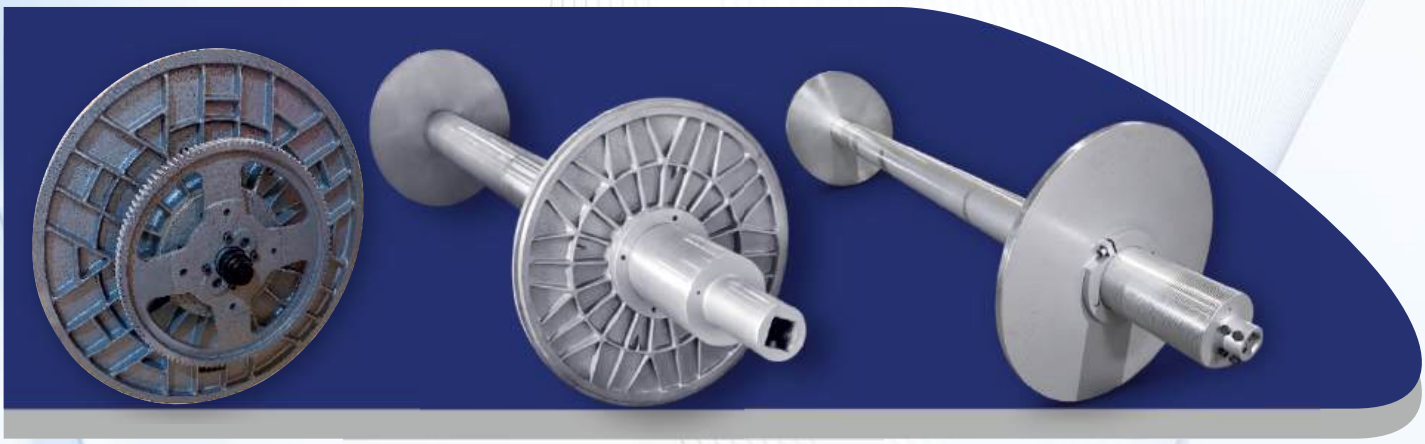

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HARMYEE / 05-2023

EDITORIAL

The hurdles encompass the Solapur Chaddar manufacturers

Maharashtra's Solapur Chaddar once saw high demand in India and abroad. Solapur Chaddar had enjoyed its reputation for four decades, production began to fall from 2000, today it has lost its position to towel. Textile Development Foundation got established in 1995 in Solapur with 600-700 units operated with more/less 10 workers each and weaved textiles for Solapuri Chaddar. Chaddar has multiple usage in daily life. It is lain on floor for people to sit, it is used as Blanket-cover and bed cover and to warm the body in mild cold.

But now many Chaddar producers of Solapur are switching over to towel from Chaddar. This change attributes to change in customers' change in tastes, cheaper synthetic textiles flooding the market, increased cost of production, and downfall to lack of innovation in design aggravates its market share. Government and manufacturers are both responsible for the downfall of Solapuri Chaddar. The government did not address the problem of industry, while producer failed to innovate. External players from Haryana took this opportunity; they captured lion share of Solapuri Chaddar. Chaddar manufacturers of Solapur alleged that Haryana producers label over their Chaddar 'Solapur' because of its wide fame. Solapur producers complained to government against duplication but government ignored their complaints. Now 'Made in China' towels are posing a danger to 'India Made' towels. When Prime Minister Narendra Modi is saying "Vocal for Local", why is the government not banning Chinese product?

Many manufacturers are surviving at poor earning with 5% margin what was 20% few years back. This situation are forcing Solapur Chaddar producer to shift to towels. The decline in demand for Solapuri Chaddar is caused by higher economy growth and rise in status of customers. As income grows people migrate from Chaddar to branded bedsheet. Plastic mats have become preferred choice for floor seating.

Apart from above challenges Solapur district is a drought—prone area. Manufacturers say Solapur receives insufficient supply of water to run high—water—consuming textile industry. Youths and Women in factory leadership are gradually declining because they do not see making the Solapuri Chaddar as a profitable business. They are exploring other ideas.

Hague Nato summit to address on Trump's 5% defence spending goal

The Nato alliance has crafted a summit in The Hague recently to shore itself up by satisfying US President Donal Trump with a big new defence spending goal—but it now risks being dominated by the repercussions of his military strikes on Iran. The two-day gathering is also intended to signal to Russian President Viadimir Putin that Nato is united, despite Trump's previous criticism of the alliance, and determined to expand and upgrade its defences to deter any attack from Moscow. The summit and its final statement will be short and focused on heeding Trump's call to spend 5 per cent of GDP on defence — a big jump from the current 2 per cent goal. It is to be achieved by investing more in both militaries and other security-related spending. Spanish Prime Minister Pedro Sanchez, however, upset Nato Secretary General Mark Rutte's recent preparations as he declared Madrid did not need to meet the new spending target even as Spain approved the summit statement. Rutte insisted of late that Spain did not have an opt-out and Nato was "absolutely convinced" Madrid would have to hit the new target to fulfil its military commitments to the alliance. The US bombing of Iranian nuclear sites makes the summit muchless predictable than Rutte and other Nato Number countries would like. Us strikes on Iran did not violate international law, Rutte said. Under the new NATO defence spending plan, countries would spend 3.5% of GDP on "core defence"- such as weapons, troops- and a further 1.5% on security-related investments such as adapting roads for use by military vehicles and deterring cyber attacks. Such an increase — to be phased in over 10 years — would mean hunderds of billions of dollars more spending on defence.❐

NATO leaders agree to increase defence spending

NATO leaders agreed to increase defence spending to 5 per cent of GDP and renewed their "ironical commitment" to mutual defence in an historic move that comes at the time of an increasingly belligerent Russia. The decision from the North Atlantic Treaty Organization's 32 members at their high-stakes summit in The Hague is a major win for donald Trump who has respeatedly lambasted his European allies for underspending on security. The US President,, who wavered in his commitment in the lead-up to the summit, recently called it a "tremendous" gathering and pledged his backing for Article 5, which requires members to defend each other from attack. "I stand with it," Trump told reporters after a 21/2 hour working session with NATO leaders. "That's why I'm here." The declaration endorsed at the two-day summit in the Netherlands states that allies "reaffirm our ironclad commitment to collective defence" and "remain united and steadfast in our resolve to protect our one billion citizens defend the Alliance, and safeguard our freedom and democracy," The summit has been dominated by efforts to ensure that Trump remains engaged with the transatlantic alliance amid growing concerns that the US is looking to pull back weapons and troops from Europe. Ukraine's allies are also struggling to mount an effective response to Russia's war in the country, which is now well into its fourth year. "Together allies have laid the foundation for a stronger, fairer, more lethal NATO," Secretary General Mark Rutte said at a news conference after the meeting. The declaration said the new target, which will mark an increase from the current spending goal of 2 per cent, comes in response to "profound security threats and challenges, in particular the long-term threat posed by Russia to Euro-Atlantic security and the persistent threat of terrorism." ❐

China's exports to US down most since 2020

Chinese exports rose less than expected last month as the worst drop in shipments to the US in more than five years counteracted strong demand from other markets. Exports rose almost 5% from a year ago to $316 billion in May, slower than economists' forecast of 6% growth. Despite that slowdown, record shipments so far this year provided much-needed support for an economy that is stuck in deflation and struggling with weak domestic demand. The difference reflects the two-speed nature of China's economy, with strong industrial output and foreign demand but weak domestic private consumption. ❐

WORLD ECONOMY AND TRADE TRENDS

Indian-owned companies in UK increased 23% y-o-y, revenues hit £72.14 billion

The number of Indian owned companies operating in the UK has increased 23 per cent year-on-year to reach 1,197 this year, recording the the steepest pace of annual growth, according to an analysis. The combined revenues reported by Indian-owned companies in the UK increased to £72.14 billion from £6809 billion in 2024, showed the latest annual 'India Meets Britain Tracker', an analysis by global financial advisory firm Grant Thornton in coloaboration with industry body CII (Confederation of Indian Industry). There are now 1,197 India-owned companies operating in the UK, more than 23 per cent compared to the figures of 2024, said the 12th edition of the analysis. The latest annual Tracker was launched during the UK-Indian Week at the India Global Forum (IGP) in London held recently by Commerce and Industry Minister Piyush Goyal and UK Business and trade Secretary Jonathan Reynolds. Goyal was here on a two-day official visit to discuss the implementation of the India UK free trade agreement (FTA) and ways to boost bilateral trade and investment. "As the recent milestone UK-India Free-Trade Agreement highlighted, there is a distinct economic commonality between the UK and India and a mutual desire to trade and invest more with one another," said Anuj Chande, Partner and Head of the South Asia Business Group at Grant Thornton. The findings of this year's 'India Meets Britain Tracker' stand testimony to the deep and historic relationship between these two great nations. It is evident that Indian continues to see the UK as a key investment hub, and a country in which Indian firms can flourish, he said. This year's analysis showed that the combined revenues reported by Indian owned companies in the UK increased to £72.14 billion from £68.09 billion in 2024. These businesses employ 126,720 people across the UK and have added over 8,000 new jobs in the past year. The 2025 Tracker companies achieved an average growth rate of 42 per cent and a combined turnover of £32.6 billion. These firms also paid £67.3 million in corporation tax and created more than 56,000 jobs. "This year's India Meets Britain Tracker underlines just now engaged Indian businesses are with the UK as a key trading partner and investment hub," said IGP chairman, Manoj Ladwa. "As the UK and Indian enter a new era shaped by the free trade agreement, India Global Forum's UK India Future Forum is becoming a vital modern platform, serving as a gateway to this next chapter of collaboration," he said. Wipro IT Service UK Societas tops the growth ranking in the 2025 Tracker, with a 448 per cent revenue surge, followed by a new entrant, IT management firm Zoho Corporation Limited, which posted 197 percent growth. ❐

China's exports to US ever highest fall since 2020

China's exports of rare earth products—including powerful magnets now at the heart of tensions with the US—slumped to a fresh five-year low in May as Beijing's export curbs choked flows. The data for the month May shows the extent to which export controls in place since early April had curbed shipments, before a US-China meeting to resolve the restrictions. A Shortage of vital magnets has threatened industries including car making from the US to Europe and India. May's export volume of rare earth products fell by 61 per cent from a year earlier to 2,117 tonnes, the lowest level since February 2020, accordng to calculations, by *Bloomberg News* based on chinese customs data. The products category—distinct from minerals and metals — is typically dominated by magnets. Exports had already fallen sharply in April. China produces about 90 per cent of the world's so-called permanent rare earth magnets, and has used its grip on supplies to fight a burgeoning trade war with the US. Export controls launched on April 4 covered not just seven individual rare earths, but also magnets that contain even tiny amounts of them. Governments and companies in the US are watching how flows change in June. Following a meeting between American and Chinese negotiators in London earlier in June. US President donal Trump said. "Full magnets, and any necessary rare earths, will be supplied, up front, by China." Specific data on exports of magnets is due to be published by Chinese customs soon. In the first quarter of 2025, ahead of export curbs, magnets accounted for nearly 90 per cent of the rare earth products group. ❐

US strikes at a weak moment for global economy

US Strikes on Iran's three main nuclear facilities come at a fragile moment for the global economy and the outlook now hinges on how forcefully the Islamic Republic retaliates. The World Bank,

the Organization for Economic Cooperation and Development and the International Monetary Fund have all downgraded their global growth forecasts in recent months. Any significant increase in oil or natural gas prices, or disturbances in trade caused by a further escalation of the conflict, would act as yet another brake on the world economy. "We'll see how Tehran responds, but the attack likely puts the conflict on a escalatory path," Bloomberg Economics analysts including Ziad Daoud wrote in a report. "For the global economy, an expanding conflict adds to the risk of higher oil prices said an upward impulse to inflation ?" The rising geopolitical risks intersect with a potential escalation in tariffs in the coming weeks as President Donald Trump's pauses of his hefty so-called "reciprocal'' levies are due to expire. The biggest economic impact from a prolonged conflict in the Middle East would likely be felt via surging oil prices. Post the US strike, a derivative product that allows investors to speculate on price swings in crude oil surged 8.8% on IG Weekend Markets. If that more were to hold when trading resumes. IG strategist Tony Sycamore said he projects WTI crude oil futures will open at around $80 per barrel. Much will hinge on near-term events. Iran's Foreign Minister Abbas Araghchi said the US attacks are "outrageous and will have everlasting conseuences." He cited the United Nations Charter on provisions for self defense and said Iran reserves all options to defend its sovereignty interest and people. Bloomberg economics sees three options for Iran to respond. In the extreme scenario in which the Strait of Hormuz is shut, crude could soar past $130 per barrel, according to Daoud, Tom Orlik and Jennifer Welch. That could take US CPI near 4% in the summer, prompting the US federal Reserve and other central banks to push back the timing future rate cuts. About a fifth of the world's daily oil supply goes through the Strait of Hormuz, which lies between Iran and its Gulf Arab neighbors such as Saudi Arabia. The US is a net exporter of oil. But higher crude prices would only add to the challenges the US eonomy is already facing. The Fed updated economic projections of recent post, marking down its forecast for US growth this year to 1.4% from 1.7% as policymakers digested the impact on prices and growth of Trump's tariffs. As the largest buyer of Iranian oil exports, China would face the most obvious consequences from any disruption to the flow of petroleum. Though its current stockpiles may offer some respite. ❐

Global trade posted strong growth to beat high tariffs

Global goods trade posted a strong uptick in early 2025 driven by importers frontloading purchases ahead of anticipated higher tariffs. However, weakening export orders suggest that this momentum may not be sustained, according to the World Trade Organisation (WTO). According to the WTO's Goods Trade Barometer reading, the shipments exceed the quarterly trade volume but the decline in export orders and the temporary nature of frontloading suggest the trade growth may slow in the months ahead as enterprises import less and start to draw down accumulated inventories. Transport-related indices of the barometer including air freight (104.3) and container shipping (107.1), reflect increased movement of goods. The automotive products index (105.3) also is above trend due to resillent vehicle production and sales. The electronic components index (102.0) has climbed above trend after underperforming in 2023 and 2024. The raw materials index (100.8) shows only modest growth, just above baseline. The baseline reading is 100. Barometer values greater than 100 are associated with above-trend trade volumes, while barometer values less than 100 suggest that goods trade has either fallen below trend or will do so in the near future. World merchandise trade volume growth moderated in the fourth quarter of 2024 but it is likely to rebound in the first quarter of 2025 based on the global barometer and preliminary trade data, according to the WTO. The WTO has projected stable trade growth of 2.7% for 2025 under a low-tariff scenario reflecting policy conditions at the start of the year and a —0.2% contraction under actual policies in place as of mid-April. Subsequent developments, including US-China and US-UK trade agreements as well as higher tariffs on steel and aluminium, have nudged the forecast up and down slightly leaving the overall outlook basically flat at 0.1%. However, trade contraction is possible, for example if US reciprocal tariffs are reinstatd, or if trade policy uncertainty spreads globally, the WTO said. ■

Sabi board announced a slew of measures to attract more investment

The Securities and Exchange Board of India (Sebi) announced a slew of measures recently to drive more investment into government securities, encourage promoters to have more skin in the game and eased regulations for market participants. In a major fillip to startup promoters, the board has allowed them to hold employee stock options (Esops) at the time of going for an initial public offer, with conditions. "The proposal approved by the board shall facilitate founders who received such benefits (Esops) at least one year prior to the filing of DRHP with the board, to continue holding and/or exercising such benefits even after being specified as the promoters and the company becoming a listed entity," Sebi's 42-page statement said. Addressing the media after the board meeting, Sebi chairman Tuhin Kanta Pandey said that this decision is expected to convince startup founders to come to the public markets. However, he clarified that an industry proposal of allowing fresh Esop benefits to be availed by founders after the listing was not approved by the board. To encourage investments in G-Secs to attract long-term capital, the registration and compliance burden for foreign portfolio investors (EPIs) investing has been eased. ❐

Indian money in Swiss banks more than trebled to ₹37,600 cr in 2024

Indian money parked in Swiss banks more than trebled in 2024 to 3.5 billion Swiss francs (nearly ₹37,600 crore) on the back of a huge jump in funds held through local branches and other financial institutions, annual data released by Switzerland's central bank showed recently. However, money in customer accounts of Indian cilents rose by only 11 per cent in the year to 346 million Swiss franc (nearly ₹3,675 crores) and accounted for just about onetenth of overall funds. The sharp increase in the overall funds a 70 percent decline in funds parked by Indian individuals and firms in Swiss banks, including through local branches and other financial institutions, in 2023 to a four-year low of 1.04 billion Swiss francs. This the the highest since 2021, when the total Indian money in Swiss banks had hit a 14 year-high of CHF 3.83 billion. These are official figures reported by banks to the Swiss National Bank (SNB) and do not indicate the quantum of the much-debated alleged black money held by Indians in Switzerland. These figures also do not include the money that Indians, NRIs or others might have in Swiss banks in the names of third-country entities. The total amount of CHF 3,545.54 million, described by the SNB as 'total liabilities' of Swiss banks or 'amounts due to' their Indain clients at the end of 2023, included CHF 346 million in customer deposits (up from CHP 310 million at 2023-end). GHF 3.02 billion held via other banks (up from CHF 427 million), CHF 41 million (up from CHF 10 million) through fiduciaries or trusts, and CHF 135 million as 'other amounts' due to customers in form of bonds, securities and various other financial instruments (down from CHF 293 million). The total amount stood at a record high of nearly 6.5 billion Siwss francs in 2006, after which it has been mostly on a downward path, except for a few years including in 2011, 2013, 2017, 2020, 2021, 2022 and 2023 according to SNB data. The SNB cut its interest rate to zero and did not rule out returning borrowing costs to negative territory in future, although it stressed this was not a step it would take lightly. The SNB reduced its policy rate by 25 basis points from 0.25 per cent, as expected by markets and A *Reuters poll,* to stand on the brink of negative rates for the first time since 2022. The central bank now has the lowest borrowing costs among its peers, with markets giving a 53 per cent probability of further cuts in September. ❐

Govt assesses Iran-Israel conflict impact on trade

The commerce ministry recently held consultations with key stakeholders, including shipping lines, exporters, container firms, and other departments, to assess the impact of the Iran-Israel conflict on India's overseas trade, an official said. The meeting was chaired by Commerce Secretary Sunil Barthwal. The partcipants informed that the situation in the Strait of Hormuz is currently stable and a ship reporting system is in place to monitor

any incidents. The freight and insurance rates are also being closely monitored, the official said. The commerce secretary emphasised the need to assess the evolving situation and its impact on Indian trade, the official said. He highlighted the importance of exploring all possible alternatives in response to the situation. Exporters have stated that the war, if escalated further, would impact world trade and push both air and sea freight rates. They have expressed apprehensions that the conflict may impact the movement of merchant ships from the Strait of Hormuz and the Red Sea. Nearly two-thirds of India's crude oil and half of its LNG imports pass through the Strait of Hormuz, which Iran has now threatend to close. This water way, only 21 miles wide at its narrowest point, handles nearly a fifth of global oil trade and is indispensable to India, which depends on imports for over 80 per cent of its energy needs. According to think tank GTRI, any closure or military disruption in the Strait of Hormuz would sharply increase oil prices, shipping costs, and insurance premiums, triggering inflation, pressuring the rupee, and complicating India's fiscal management. The present conflict that began with an attack on Isreal on October 7, 2023 had brought cargo movement through Red Sea routes to a half due to attacks by Houthi rebels on commercial shipping. Last year, the situation around the Bab-el-Mandeb Strait, a crucial shipping route connecting the Red Sea and the Mediterranean Sea to the Indian Ocean, escalated due to attacks by Yemen-based Houthi militants. ❐

RBI approved record ₹2.69 trn surplus to govt

The central board of the Reserve Bank of India (RBI) approved a record ₹2,69 trillion surplus transfer to the government for the financial year 2024-25, even after maintaining the contingent risk buffer at 7.5 percent- the upper end of a new range it approved following a review of the RBI's economic capital framework (ECF). The board decided to expand the central bank's contingent risk buffer or CRB range from 5.5-6.5 percent of the balance sheet followed for the five years ending 2023-24, to 4.5-7.5 percent, that is, 6 percent +/- 1.5 per cent of its balance sheet. This is the second year in a row that the RBI has transferred a record surplus to the Centre. In 2023-24, the RBI had transferred ₹2.11 trillion while maintaining the buffer at 6.5 percent. The Transferable surplus of RBI for any year is arrived at on the basis of the ECF adopted by the central bank in 2019, as per the recommendations of the Expert Committee to Review the extant ECF of the Reserve Bank of India, chaired by former RBI governor Bimal Jalan. The framework was reviewed after five years as mandated by the Jalan Committee. "Based on the revised Economic Capital Framework, and taking into consideration the macroeconomic assessment, the Central Board decied to further increase the CRB to 7.50 percent," the RBI said in a statement. Despite an increase in the risk buffer, the central bank was able to transfer a higher surplus as it booked profits on heavy dollar sales in the previous financial year. The central bank undertook gross sales of $399 billion in the 2024-25 or FY 25, compared to $153 billion in FY 24. On a net basis, the central bank sold $34.5 billion, the highest since the global financial crisis of 2008-09. The historical cost of the dollars in much lesser than the current spot rate. With this bumper income, the fiscal deficit of the government is expected to ease around 20 basis points (bps) from the budgeted level of 4.4 percent of the GDP, reckoned Soumya Kanti Ghosh, Group Chief Economic Adviser, State Bank of India. The Union Budget for 2025-26 had projected a dividend income of ₹2.56 trillion cumulatively from the RBI and public sector financial Institutions. "With today's transfer, this number would now be much higher than the budgeted estimates... Alternatively, it will open up for additional spending for around ₹70,000 crores, other things remaining unchanged," Ghosh said in a note. However, the bond market was expecting a higher surplus transfer as they were not expecting broadening of the CRB range. "The market did not expect widening of the risk buffer range, but that should not have any impact on yields. However, markets were expecting possibly revised estimates of around ₹3 trillion dividend, which could be a slight disappointment," said Anshul Chandak, head of treasury at RBL Bank. ■

Why cotton production is shrinking inspite of the adoption of Bt Cotton

India, one of the earliest cotton-producing countries in the world, is facing challenges; stagnant area, poor yields and increasing cost of production.

The cotton sector, which supports 60 lakh farmers, supplies raw material to the textile industry and provides livelihood opportunities for over 10 crores people, directly or indirectly.

This is happening despite the widespread adoption of Bt cotton in India. Bt cotton, which is "genetically modified for resistance to bollworms," has seen rapid adoption by farmers and commanded over 95 percent of India's cotton cultivation area by 2014.

Bt cotton adopton soared from 50,000 hectares in 2002 to 8.4 million hectares by 2009, making India the world's second-largest cotton producer and top exporter, while halving insecticide use and doubling yields.

"Two decades of Bt cotton in India : Impact and Policy imperatives', a policy paper by the ICAR-Central Institute for Cotton Research (CICR), throws light on the Bt cotton journey so far.

Quoting studies, it said that there is a "significant increase in cotton yields and returns between 2002 and 2016". Yields soared from an average of 8.4 kg per hectare to 77.9 kg per ha in some periods. This yield surge, coupled with "reduced pesticide usage", led to lower input costs and enhanced farmer incomes.

Activists, however, contest the claims that Bt cotton helped reduced the usage of chemicals. Kavitha Kuruganti, a leader of Anti-GMO Coalition of India, pointed out that fertilizer use had shot up from 90 kg/ha to 200 kg/ha as per the graph.

"Insecticide cost per hectare is actually higher for all years compared to ₹494/ha in 2002-03 when Bt cotton was approved. I do not see any decline at all, and only increase," she observed.

"Agro-chemical usage, both of pesticides and herbicides, has actually increased in cotton cultivation in India, despite all the hype about Bt cotton. The yield stagnation and declines are also apparent. Indian farmers don't need the risk of such technologies, and need safe, lasting, affordable, farmer-controlled solutions," she pointed out.

Ram Kaundinya, Director-General of the Federation of Seed Industry of India, called for urgent policy reform as a top national priority to address the crisis facing India's cotton sector, once revolutionised by Bt cotton.

In recent years, yields have stagnated and even declined, from 566 kg/ha in 2013-14 to about 436 kg/ha by 2023-24. At this level, India has the lowest yield levels among the top-5 cotton-producing countries in the world. The total production has dropped to its lowest since 2008-09.

"For the 2024-25 season, the Ministry of Agriculture estimates output at just 294.25 lakh bales of 170 kg each, the lowest in over a decade," Kaundinya said.

Its journey has been fraught with challenges, presenting "mixed results due to secondary pest pressure and heightened yield variability'.

A critical issue has been the "development of resistance in bollworms, particularly the pink bollworm", leading to stagnation in productivity, the paper pointed out.

The estimated loss from pink bollowrm alone is equivalent to 13.2 lakh bales, valued at ₹3,900 crores annually. The rise of secondary pests like jassids and thrips has necessitated increased insecticide use to some area, counteracting the initial pesticide reduction benefits. Farmers have also observed an "increase in fertilizer use" as they pursue higher yields with Bt cotton.

The economic landscape has also seen shifts. While pesticide costs have decreased, the "high cost of Bt cotton seeds and dependency on multinational corporations" have been persistent concerns for smallholder farmers.

Critics also raise concerns about the long-term sustainability of Bt cotton, citing environmental impacts on biodiversity and soil health, and socio-economic implications like income disparity and reduced human labour usage.

The paper called for investments in research and developments for novel GM solutions, particularly those with stacked traits to address pest resistance and adapt to climate change. It also called for an informed policy discourse on GM cotton and comprehensive support for farmers.

A focus on high-density planting systems and integrated pest management is suggested to bridge yield gaps and manage emerging challenges effectively. ■

Clothing, footwear spends decline to 7.1% in FY24

Indian households' spending on 'clothing and footwear' plunged to a three-year low and a tad under pre-pandemic levels in 2023-24, as per disaggregated national accounts numbers released by the National Statistical Office.

This marked the second straight year of contraction in such spending after a 1.4 per cent drop recorded through 2022-23 (FY23), and economists termed it a reflection of consumers cutting back on discretionary demand amid a period of high inflation and stagnating wages.

Expenditure on the 'clothing and footwear' segment fell by over 7 per cent to just under ₹4.53 trillion in FY24 from ₹4.87 trillioin in FY23. Those spends were 0.1 per cent lower than 2019-20, when Indians purchased clothing and footwear worth a little over ₹4.53 trillion. The Covid-19 pandemic that scruppered economic activity, had dragged clothing and footwear spends down 15 per cent in 2020-21.

"Inflation in the 'clothing & footwear segment' stood at around 9 per cent in FY23 and 7.2 per cent in FY24. In a way, people prioritised other essential expenditures like food, health over lifestyle expenditure," averred Paras Jasrai, associate director, India Ratings.

Within the segment, while footwear purchases dropped nearly 2 per cent ₹99,500 crore in FY24 from ₹1.01 trillion in FY23, expenditure on 'clothing' declined by a sharper 8.5 per cent of ₹3.53 trillion from ₹3.86 trillion in the previous year. Madan Sabnavis, chief economist, Bank of Baroda says that apart from high inflation during this time period, rural demand continued to lag, with wages suffering most in the wake of the Covid pandemic-induced lockdowns.

"Poor consumption demand has been reflected by other macro-indicators as well, particularly the consumer non-durable segment. Wages have been more or less stagnant in the past few years. All of this then affects the consumption of discretionary items, which is what is happening with the clothing & footwear segment," he added.

Sudarshan Jain, president, Knitwear and Apparel Manufacturers Association of Ludhiana, said the clothing industry is still facing an uphill task in reviving the demand, while cheap imports from countries like Bangladesh and Vietnam flooded the Indian market and squeezed domestic players' margins. "Even the turnover recorded at the end of FY 25 by the clothing industry isn't able to surpass the turnover levels recorded in the pre-covid year. This points to the precarious state of the sector in the country. Income stagnation, especially for salaried workers is a real issue, which should be looked at and measures undertaken to revive the demand," he added. ■

Fashion retailers exceed peers in FY25

Value Fashion Retailers continued to out perform premium and branded apparel players in FY25, driven by structural tailwinds. (i) growing aspirations in tier 2/3/4 cities, (ii) ongoing shift from unorganised to organised retail, (iii) deeper private label penetration offering broader choice, and (iv) aggressive store expansion.

In FY25, the four listed value retailes — Vishal Mega Mart (VMM), V-Mart, Style Bazaar, and V2 Retail — posted a strong 24% combined revenue growth, supported by a 16% rise in retail space and healthy double-digit same-store sales growth (SSSG). V2 Retail stood out with a 60% increase in store area and 29% SSSG, far ahead of the 12-13% posted by peers.

In 4QFY25, combined revenue rose 28% y-o-y, driven by a 16% increase in retail space and 11% y-o-y growth in monthly sales per sq. ft. (SPSF) to ₹700 (FY25 SPSF up 11% to ₹754). Growth was primarily volume-led, with average transaction value (ATV) largely stable.

Value fashion retailers saw margin expansion in FY25, with blended gross margins for listed players rising 50bps y-o-y to 29%, driven by a richer product mix, increased full-price sales, and sourcing efficiencies. Vishal Mega Mart led with an 80bps y-o-y gross margin expansion in FY25. Pre-IndAS Ebitda in rose by 180bps y-o-y to 8.2% — the highest in recent years aided by improved sourcing, operating leverage, and faster inventory turns. V-Mart contributed nearly 50% of the overall sector margin expansion, bouncing back to 4% margin in FY25.

While new store openings have weighed on margins in the near term, retailers anticipate operating leverage to improve as stores mature. FY26 guidance indicates 15-20% YoY retail are expansion, with a strong focus on RoCE and pay-back metrics to ensure capital-efficient growth amid rising competitive intensity. ■

How new-age apparel brands will adapt to the next wave of growth

Recently, The Bear House, a men's apparel and accessories brand, raised ₹50 crores in a Series A funding round led by JM Financial India.

In May, Snitch, a direct-to-consumer (D2C) menswear brand, raised ₹279 crores, led by 360 one Asset Management Fund, in a series B round.

In April, The Souled Store, known for quirky clothes, and backed by investors like Elevation Capital and RPSG Ventures, accquird Redwolf of strengthen its popo culture merchandise business. It has licences of iconic brands such as One piece, Naruto and Marvel. It is now gearing up for an initial public offer.

Sewing up Funds

At a time when the broader apparel segment has been facing headwinds, D2C fasion brands have been rapidly scaling up and securing funds. On one hand, these newage brands are charting a brisk offline expansion, and on the other they are using quick-commerce to deliver fashion at speed.

According to industry estimates, the D2C fashion space in India is projected to reach $10 billion by FY 28, fuelled by rising online adoption, led by Gen Z consumers, and a growing demand from Tier-II and Tier-III cities.

The Bear House co-founder Harsh Somaiya said the brand is looking to open about 25 offline stores this fiscal year, to strengthen its omni-channel play.

So, what is making the D2C brands tick? "A lot of the traditional brands have not adapted to the shift in consumer preferences. The younger generation of consumers are demanding newer designs, fits and styles at a much faster pace. We launch close to 300 styles per month and have close to 65 per cent repeat rates—higher than industry average, we leverage social media to sell and entire look or vibe, rather than just products. We are constantly listening to our customers,"Somaiya explains.

Tech and Textiles

Investor appetite for this space is not ebbing. Shuchi Pandya, Principal at Fireside Ventures, observes that the D2C segment in fashion and apparel has been displaying strong resilience and growing. The VC firm has invested in Fable Street, Newme and Terractive. "Demand remains robust. We see alphas in fashion robust. We see alphas in fashion in two key areas — use of tech to manage supply chain ; and use of innovative materials and fabrics suited for Indian weather," Pandya says, Pointing to a rising investor interest in the premium space and menswear.

According to Tracxn, over the past year, D2C apparel brands in India secured $77.1 million funding. While the quantum is about 34 per cent lower year-on-year, it reflects resilience during challenging macroeconomic conditions.

"Despite a slowdown in funding, the strong backing for innovative brands like Newme and Wrogn demonstrates enduring investor confidence and growth potential in India's D2C apparel sector. Companies that present strong unit economics, capital efficiency, clear product differentiation, and leverage offline and online channels effectively will continue to gain investor interest," Neha Singh, CEO and co-founder of Tracxn, said.

Data Power

Vedang Patel, co-founder of The Souled Store, said hyper-personalisation through data and AI, and a growing preference for sustainable, value-driven brands is driving growth for D2C brands. "A data driven approach enables quick design iterations and better inventory control, improving profitability. Strong community engagement and a focus on everyday casual wear have helped maintain a steady demand," Patel added.

Speedy Delivery

Platforms such as Zepto, slick, Enotgram, and M-Now (Myntra) are enabling D2C brands to offer instant deliveries in 10-60 minutes. This opens a new frontier of expansion for the new-age brands.

Shivam Tripathi, co-founder of Newme, is confident that new-age fashion brands will lead the next wave of growth in the apparel market. He is betting big on quick commerce. "We are running quick fashion delivery in high-demand pincodes across Bengaluru and NCR. We have been receiving strong customer love. Our plan is to scale up the channel to more pin codes and metros," he added.

He said the brand is focusing on delivering the latest trends at speed, including dresses, tops and bottoms, jewellery, and ancillaries like nails, shapewear. After 200 per cent growth last fiscal, he expects more in FY 26, backed by advanced supply chain and data science inputs to offer a wider variety of trends across broader fashion categories.

Somaiya, too, sees a major role for quick commerce ; his brand will leverage its stores to deliver rapidly within a 5 km radius, he says.

"Speed-led fashion commerce is projected to grow 5X by 2028 to $1-billion opportunity," said Sharon Pias, Chief Business Officer, Myntra.

Meanwhile, the biggies of the apparel industry are acquiring D2C brands and going omni-channel to cater to the tech-savvy, new-age customers. Certainly the apparel category is opening its seams wide. ■

Cotton offtake estimated 2% fall lower than earlier as mills prefer man-made fibres

The country's cotton consumption during the current 2024-25 season ending September is estimated lower at 307 lakh bales (170 kg), a decline of 2 per cent from last year as mills are showing preference to man-made fibres over cotton, according to the Cotton Association of India (CAI).

Per the latest estimates, CAI has reduced consumption estimates by 8 lakh bales to 307 lakh bales, from the initially estimated 315 lakh bales. During 2023-24, cotton consumption was 313 lakh bales.

Atul S Ganatra, President, CAI, attributed the downward revision in cotton consumption to the increasing use of man-made fibres, such as viscose and polyester, by spinning mills, mainly in South India. Also, spinning mills are running slower due to the shortage of labourers, causing a fall in cotton consumption, Ganatra told reporters.

He said mills are finding better realisation in viscose at around 98 per cent, compared with cotton at 73/75 per cent. This is also one reason for the mills to shift from cotton to other fibres, hurting consumption.

CAI has estimated the 2024-25 crop size at 291.35 lakh bales. Till April-end, the total supply of cotton was estimated at 325.89 lakh bales, including the pressings of 268.2 lakh bales, import of 27.5 lakh bales, and opening stocks of 30.19 lakh bales. Consumption till April-end has been estimated at 185 lakh bales, and exports at 10 lakh bales of 170 kg.

April-end cotton stocks are estimated at 130.89 lakh bales, including 35 lakh bales with textile mills, and the remaining 95.89 lakh bales with the Cotton Corporation of India, Maharashtra Federation and others (MNCs, traders, ginners, exporters), including cotton sold but not delivered.

CAI projected imports for the 2024-25 season at 33 lakh bales, 17.8 lakh bales more than last year. Exports for the season are estimaed at 15 lakh bales, down from last year's 28.36 lakh bales. About 10 lakh bales were shipped in the first seven months till April-end. The carry forward stocks for the 2025-26 season are estimated at 32.54 lakh bales, marginally up from the previou year's 30.19 lakh bales. ■

Gokaldas Exports aims at acquisition of BRFL Textiles to strengthen fabric sourcing

Gokaldas Exports is evaluating the possibility of acquiring BRFL. Textiles, a fabric and processing unit, in which the company made an investment in July-2023, Sivaramakrishnan Ganapathi, Vice-Chairman and Managing Director of Gokaldas exports, told reporters that the company will take a call sometime this financial year.

The move aligns with Gokaldas' long-term strategy of vertical integration, aimed at ensuring greater control over fabric sourcing, accelerating growth and shortening lead times. "Not all fabrics and trains can be produced in-house, but they constitute a reasonably large part of our supply chain. Having some degree of control over it helps up serve our customers better," Ganapathi explained. "That's the reason we've gone down this path."

The company has also been focusing on diversifying its sourcing and supply chain. "We now have units in Madhya Pradesh and Ranchi —both low-cost locations. The idea is to tap into the local labour pools in those areas, unlike in the South or in Gurugram, where we face challenges in labour availability."

"In our southern factories, we tend to hit a saturation point with labour, which is why we are going where the labour is, rather than importing it," he added.

Gokaldas has been expanding facilities to increase capacity. Ganapathi said the company will set up one more factory in Bhopal, another in rural Karnataka (outside Bengaluru) and a third in Ranchi. Jharkhand.

"We are not shying away from adding capacity. These new factories will be ready by early Q3, and that's when we'll start ramping up manpower. The physical infrastructure will be completed by then," he said.

The company posted a 19 percent year-on-year (y-o-y) increase in consolidated profit after tax to ₹53 crores in the fourth quarter of FY 25, compared to ₹44 crores in the corresponding quarter of the previous fiscal. ■

Cotton farmers must get remunerative prices without hurting competitive industries

As the rising minimum support price (MSP) every year poses a challenge to the cotton value chain, the trade has stressed the need to figure out an equitable solutions which would help farmers get a remunerative price without hurting the competitiveness of the industry.

The Cotton Association of India (CAI), the apex trade body for the fibre crop, is of the view that schemes like Bhavantar (price deficiency payment scheme) should be considered for the cotton sector. In the Bhavantar scheme, the difference between the MSP and the market price is paid directly to the farmer, when the market price is lower than MSP.

CAI's views assume significance as cotton prices have largely been bearish and ruled below the MSP during the current 2024-25 season, foreign the State-run Cotton Corporation of India (CCI) to purchase over 100 lakh bales at MSP.

Bearish Market

At the recent CAI meeting, stakeholders emphasised that increasing the MSP for cotton every is causing problems. For the kharif 2025 season, MSP has been increased to ₹7,710 per quintal for medium staple cotton, up from 7,121 last year. For long staple, the MSP has been increased to ₹8,110 from ₹7,521, Market prices have been bearish, impacted by weak demand and a weak trend in global prices.

"Higher MSPs not only distort market dynamism and hinder the natural price discovery process but also increase production cost for textile mills, leading to potentially higher prices for consumers and also adversely impact the competitiveness of Indian cotton production in the global market. As this poses a threat to the survival of the entire value chain, stakeholders exhorted the need for finding an equitable solution to continue providing remunerative prices to the farmers but without compromising the competitiveness of the trade and industry," CAI president Atul S Ganatra said in a statement.

Need for Change

Suresh Kotak, Chairman of the Textile Advisory Group and the Chairman of the Kotak Group of Companies, acknowledged the need for making suitable changes in the MSP structure and also the CCI sales policy

Kotak noted the suggestions and stated that he would take up the same suitably with the government, the statement said.

CAI stakeholders estimated the ongoing 2024-25 season at 301.15 lakh bales of 170 kg each. Imports for the year are estimatd to more than double to 39 lakh blaes (15.2 lakh bales during 2023-24.) Domestic demand during the 2024-25 season is estimated at 305 lakh bales (313 lakh bales) and exports are seen lower at 17 lakh bales (28,36 lakh bales).

CAI estimates the closing stocks for the current season higher at 48.34 lakh bales (30.19 lakh bales. ■

Loyal Textiles turns focus to technical textile garments

Tamil Nadu-based Loyal Textiles Mills has undertaken restructuring and consolidation of operations to focus on high-value technical textile garments, where demand remains strong and resilient.

Technical textiles are fabrics designed and manufactured for non-aesthetic, functional purposes.

This comes in the backdrop of the company facing losses due to prolonged slowdown in global demand, leading to suboptimal utilisation of capacities, which adversely affected its overall liquidity position, said the company's Chairperson and Wholetime Director, Valli M Ramaswami, as part of its earnings filed with the National Stock Exchange.

The company said that cost control efforts and productivity enchancement initiatives had been implemented to reduce costs, streamline operations and improve efficienty and capacity utilisation.

Additionally, the company plans to monetise non-core assets to generate liquidity and support operational cash flows. The management is confident that these initiatives will enable the company to achieve operational profitability in the coming year, she said.

In March, the company entered into an agreement to sell part of its windmill units through Anuvento Renewables Private Ltd.

The company has finanlised the sale of 25 windmill units to various particles for ₹74 crores. This sale is part of the company's strategic initiatives to reduce debt and focus on its core business areas, the company said earlier. Loyal Textile manufactures yarn, woven fabric, knitted fabric and technical clothing. It has manufacturing plants at Kovilpatti, Satur, Cuddalore and Sivaganga in Tamil Nadu, and Naidupeta in Andhra Predesh. The company recorded a net profit of ₹39 crores on revenue of ₹146 crores for the fourth quarter ended March 31, 2025. The profit was boosted by an exceptional item of ₹63 crore.

In FY 25, the company's net loss rose to ₹51 crores against ₹39 crore in the previous fiscal. Revenue declined 27 percent to ₹682 crore (₹939 crore).

On the NSE, the company's share priced closed at ₹294.50, up ₹6 (2.08 percent). ■

DEVELOPMENT OF FASHION ACCESSORIES BY USING COCONUT HUSK

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Abstract

The study explores the sustainable utilization of coconut husk—an agricultural by-product—to create eco-friendly fashion accessories. In response to increasing environmental concerns and the fashion industry's push towards sustainability, this project aims to reduce waste by transforming coconut husk fibres into aesthetically appealing and functional accessories. The investigation involved collecting, processing, and designing materials, followed by market testing through surveys. The results showed promising acceptance, highlighting the potential of coconut husk in sustainable fashion.

Keywords

Coconut husk, sustainable fashion, eco-friendly accessories, biodegradable materials, waste utilization, natural fibres.

Introduction

Fashion today is experiencing a shift toward sustainable practices, driven by environmental degradation and growing awareness of the ecological footprint of textile and accessory production. Coconut, a common tropical crop, generates vast amounts of husk waste. Typically discarded or used minimally, coconut husk offers high cellulose content and natural fibres suitable for fashion applications. This research focuses on using coconut husk to develop fashion accessories such as earrings, chains, belts, and handbags. By transforming waste into style statements, this project contributes to both environmental sustainability and innovative design.

Materials and Methodology

Materials:

- Coconut husk (collected from local farms and coconut-processing units)
- Natural Fibres (Cotton)
- Basic hand tools (scissors, carving tools)
- Adhesives and finishes (natural varnish, non-toxic glue)
- Accessory components (chains, hooks, zippers, linings)

Methodology:

1. **Collection and Preparation**: Coconut husks were collected, cleaned thoroughly to remove dust and fibres, and dried under sunlight to reduce moisture content.
2. **Processing**: The dried husks were shaped and smoothed using simple tools. Designs were sketched to suit the nature and form of the material.
3. **Design and Fabrication**: Accessories were hand-crafted based on planned designs. Care was taken to retain the organic aesthetic of the coconut material.
4. **Survey and Feedback**: A market survey was conducted among 30 participants, using a structured questionnaire to assess user response to the products' aesthetics, durability, and environmental appeal.

Results

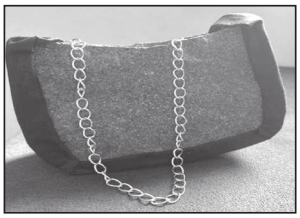

Figure 1: Coconut Husk

Figure 2: Final product

The fashion accessories created using coconut husk were well-received by the survey participants. Results from the feedback indicated that:

- 85% appreciated the eco-friendly nature of the accessories.
- 75% found the designs innovative and stylish.
- 68% rated the durability as satisfactory.

Participants highlighted the uniqueness and natural look as major strengths. Some suggestions were made regarding waterproofing and product finishing. The project demonstrated the viability of using coconut husk as a raw material in fashion accessories, proving both sustainable and aesthetically pleasing.

Conclusion

This study successfully highlights the potential of coconut husk as an eco-friendly alternative material for fashion accessories. Through innovative design and sustainable practices, waste coconut husk can be transformed into value-added products that align with modern environmental consciousness. With further refinement in production techniques and product finishing, such accessories could find a significant place in eco-fashion markets. ■

TECHNOLOGICAL APPROACHES FOR SOLID TEXTILE WASTE UTILIZATION AND ITS GLOBAL SCENARIO

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Abstract

Being a basic need of human being, textile is also considered to be the biggest source of pollution in the form of solid or fluid. Varieties of wastes are generated during manufacture of textiles as well as after its usage too. The ultimate solution to deal with these wastes is incineration or landfill which is undesirable from environmental aspect point of view. Today all the industries are diverting towards sustainable and renewable approaches to be enviro-friendly. Many researchers have attempted different approaches to utilize the waste to develop some new products. Some foreign countries are promoting new themes and ideas to minimize the production of waste instead to treat it. In the country like India, the waste is reused in varieties of forms and varieties of approaches are taken to increase the value of newly developed products. Thus, waste can be considered to be one of the sources for wealth generation looking into its characteristics. The paper contains review on some technological approaches to treat the solid textile waste generated during various textile processes as well as its global scenario.

Keywords : Textile waste, incineration, landfill, eco-friendly.

Introduction

Textile industry is amongst the most essential consumer goods industry. We all need garments and other textile products one after the other during our daily routine schedule. However, textile industry is also accused of being one of the most polluting industries. Not only production but consumption of textiles also produces waste. To counter the problem, textile industry has taken many measures for reducing its negative contribution towards environment. Waste can be defined as any product or substance that has no further use or value for the person or organisation that owns it, and which is, or will be, discarded. However, what may be discarded by one party may have value to another. Thus, the definition for 'waste' should be redefined to consider this waste as a potential reusable resource for others [1].

The same can be grabbed as an opportunity for wealth generation [2]. Due to environmental concerns, a large number of companies are currently developing manufacturing processes using alternative materials for their products and seeking new markets for the sub-products of their first-line production. It is also said that companies who want to stay in business have to be good environmentalists [3]. Textile waste treatment strategies include reducing, reusing, recycling and energy recovery. Large amounts of textile waste are today managed by applying methods of reusing and recycling. Almost half of all post-consumer textile waste that is recovered is recycled to be used as second hand clothing which is often sold to third–world nations [2]. The textile and apparel industry are moving towards the development of a circular economy (remake, reuse and repurpose) from the traditional linear economy (make, use, dispose) [4].

Textile waste

Textile waste can be classified as a) post-consumer textile waste, including any type of discarded garments and household articles made out of textiles, b) pre-consumer textile waste containing by-products or residues from processes in home furnishing, apparel, furniture and c) industrial waste, by-products or residues from processes of automotive or other industries [5]. Different types of waste generated in production of textiles is shown in Table 1. Other classification of textile waste can be done as pre-consumer waste generated by retailers, post producer waste generated by manufacturers and post consumer waste generated by people [6].

Table 1 : Types of textile waste produced in different production industries [7]

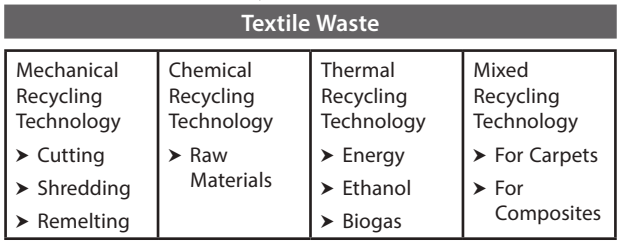
Production Type	Types of waste
Spinning waste, yarn waste	Opening Waste, Carding Waste, Sliver Waste, Roving Waste, Combed Noil, Bonda soft waste, Pneumafil Waste, Bonda hard waste from ring spinning, winding and doubling
Clothing waste	Knitting waste fiber and yarn, Woven waste fiber and yarn, Woven and knit cutting waste
Nonwovens production waste	Thermally and chemically bonded, lightweight webs, needled webs, coated, uncoated
Carpet mill waste	Needle felt, tufted carpet, cut waste, coated, uncoated
Used textiles	Old clothing

Textile Recycling

Recycling means that used textiles are utilised as raw materials in new products [2]. Textile recycling is beneficial from both environmental and economic point of view. Textile recycling is a significant challenge to be addressed as we strive to move closer to a zero landfill society [8]. Due to the lack of individuals recycling their old and used clothing, many companies have popped up in states like New York to bring the recycling to them [9].

There are four textile recycling technologies available: a) Mechanical recycling in which waste is converted to fibrous form; b) Chemical recycling which gives raw materials as output which is widely used for synthetic fibres waste; c) Thermal recycling which gives energy, ethanol or biogas as product; d) Mixed technology which can be the combination of above three technologies depending on nature of waste [6]. The same has been shown in Figure 1.

Figure 1: Recycling Technologies [6]



Textiles made from synthetic fibres will not decompose quickly whereas fabrics like wool releases methane, during decomposition and both fibres ultimately cause global warming. When these fabrics are recycled, this hazard will be reduced to a considerable extent. It saves on consumption of energy, as recycled clothes need not be re-dyed or scoured. Reduced usage of dyes and chemicals minimizes their manufacture and ultimately the adverse effects of their manufacture [10]. Recycling reduces pressure on virgin resources [11]. Some major uses of such recycled textile waste in different industries has been covered in Table 2.

Table 2 : Major uses of recycled textile waste in the industries [7]

Industry	Application Area
Nonwovens industry	Automobile industry: insulating webs for sound and heat insulation, hardpressed parts for floors, side and seat linings, trunk compartment, luggage dump etc., bottom felts for carpeting, stitch-knit nonwovens (Moliwatt, Molivlies).
Furniture industry	Mattress covers, mattress webs, bottom webs for seating in furniture, upholstery material, wadding material. Wiping cloths Needled webs
Carpet industry	Bottom felts for carpeting
Paper industry	Wearing felts for paper production, Crude felts for bitumen roofing felts.
Building industry	Sound and heat insulating webs, filter products, nonwoven coating substrates, and footfall sound insulation. Textile shreds as filling material for insulating webs, as aggregate for textile concrete in road construction.
Textile industry	Spinning waste, blended yarns or 100% waste yarns for spinning to the DREF or rotor spinning process (wiping cloths, blankets, and home furnishings), comforters made of acrylic knit goods waste.
Agriculture industry	Covering webs, seed carrier webs.

Global scenario on recycling of waste

According to U.K. industry source, about 50% of collected textiles are reused, and about 50%

are recycled. About 61% of recovered wearable clothes are exported to other countries. In some of the African countries, as many as 80% people wear used clothing. In Canada, an estimated 10% of charitable contributions are sold by thrift stores, with another 90% of donated fabrics going to textile recyclers [8].

Approximately 1,812k tonnes of domestic textile products, originally purchased as new, and a further 53k tonnes of used products entered the secondary UK textiles market in 2003. Of this quantity, a net 303k tonnes (16%) were collected by the secondary textile industry and 1,165k tonnes (63%) were disposed of by consumers and the industry. The balance of 397k tonnes, equivalent to just over 6 kg per head of population per year, is unaccounted for, and is therefore presumed not to have been discarded and to be increasing the total stocks of clothing and other textiles held by householders. Textiles would currently represent 5.2% of total household waste if all textiles consumed were discarded to waste. Of the net 303k tonnes of textiles collected in the UK in 2003, 41k tonnes of clothing were re-sold for re-use as clothing in the UK and 174k tonnes were exported for re-sale as clothing abroad. Only 262k tonnes (14%) of consumption were diverted from the UK municipal waste stream in 2003, through recycling into new product or by being exported for re-use and/or recycling [12].

According to a study conducted by WRAP, around one-third of clothing in the UK goes to landfill, while the U.S. Environmental Protection Agency (EPA) estimates that textile waste occupies nearly 5% of all landfill space in the US. About 95% of this could be reused or recycled [13]. As per the Textile recycling fact sheet 2012 from SMART (Secondary material and recycled textiles) 3.8 billion pounds of unnecessary waste added to our landfills per year. Clothing and household textiles currently make up 5.2% of the waste in landfills. Any textile item, even if it's worn, torn, or stained, can be recycled. Recycling clothing and textiles decreases the use of natural resources [14].

Organisation like SMART is committed to help any to reduce the textiles going to landfills [5]. The garment waste is converted to fibrous form on rag tearing machine. The reclaimed fibres are mixed with virgin fibres to convert into newer yarn out of it [15,16]. In India, the best recycling technology used is the upcycling where the output product is of higher value than that of the waste. For example, a saree can be upcycled to mats, cushion covers, table covers, bags, blankets, etc. [17].

Carpet waste is first sorted out depending on fibre type. It is further taken for size reduction followed by recycling process. For the carpet waste recycling, the components of carpets are first of all separated by mechanical means. Dissolution or reprecipitation technique is used to separate nylon component from the waste. Recycled fibres are used in varieties of applications like reinforcement of concrete structures, manufacturing of new products, laminates, etc. [18].

Chunks of cotton yarn were collected from winding machine. The yarn was treated for number of passages through recycling machine and is converted to 100% recycled yarn by open end spinning [19].

This unit Reuse Fabric Bank (BTR) collects the textiles in the form either fabric or garment. They analyse the collected products and decides it route for further processing. The material goes either for direct selling or sanitising, etc. BTR provides two models naming Socio-ethical sustainability radar and Economic sustainability radar. In these models, the priorities are identified and rated in the grades like high, medium or not. After sorting out the data, the same was submitted to a tool called Sustainability Design Orienting toolkit (SDO) which helps to develop a design process for sustainable system approach [20].

Out of total 15% Spinning waste of China almost all is recycled. In the case of weaving, generated waste is 3% which is not recycled anyhow. The garmenting waste is wholly recycled in varieties of forms [21].

Conclusion

A large amount of textile waste is disposed of in landfills each year. Recycling of textile waste gives fiber a second life in a rejuvenated life cycle and thus increases the total value of that recycled fibre. Still most of recycled fibres end

up in low value products, so the development of new higher value products from recycled fibres will encourage utilization of the waste fibres and contribute to the future sustainability of industry. Inflation and increasing unemployment have further reduced demands for garments and clothing. In order to survive the heavy competition, it is absolutely essential that waste incurred during manufacturing processes should be brought within critical limits or recycled in a way to produce a value added products in place of selling it at low price.

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EXPLORING THE THERAPEUTIC ROLE OF FABRICS IN ENHANCING PSYCHOLOGICAL AND PHYSIOGICAL WELL-BEING

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ABSTRACT

The relationship between textiles and human well-being extends far beyond function and fashion. This paper explores the therapeutic potential of textiles, investigating how fabric properties, textures, colours, and embedded technologies contribute to psychological, emotional, and physiological healing. Through interdisciplinary perspectives such as psychology, neuroscience, anthropology, and textile science; the paper discusses the concept of "healing textiles," which delves into historical and cultural uses, analyzes empirical research. It proposes frameworks for integrating therapeutic textiles in healthcare, mental health interventions, and everyday well-being practices. The study also highlights innovative developments in smart and bio functional textiles, emphasizing their potential in stress reduction, pain relief, trauma recovery, and emotional regulation. Finally, it identifies future research areas and practical applications in clinical, domestic, and fashion domains.

KEYWORDS: *therapeutic textiles, healing fabrics, textile psychology, emotional well-being, bio functional fabrics, smart textiles, textile therapy, sensory comfort*

INTRODUCTION

Textiles have played an essential role in human life, not only as a necessity for protection and adornment but also as tools of emotional and physical comfort. In recent years, researchers and designers have increasingly explored the healing capacities of textiles, leading to a growing interest in "therapeutic textiles." These fabrics interact with the human body and psyche, potentially promoting emotional regulation, relieving stress, supporting trauma healing, and even addressing physical ailments.

The tactile relationship between humans and textiles begins from birth and continues throughout life. Whether it's the soothing feel of a baby blanket, the comforting hug of a weighted vest, or the mood-enhancing properties of certain colours and textures, textiles influence sensory experiences and psychological states.

HISTORICAL AND CULTURAL BACKGROUND OF HEALING TEXTILES

Throughout history, textiles have played a significant role in cultural rituals and healing practices across various regions. In Indigenous communities such as those of Native America, the Andes, and parts of Africa, handwoven textiles were integral to ceremonial life and spiritual healing. These fabrics are often imbued with symbolic meanings and believed to possess protective powers, spiritual energy, and the ability to transmit blessings to the wearer.

In India, the tradition of *Ayurvastra-* offers a striking example of textile-based healing. These garments are infused with herbal preparations made from medicinal plants like neem, tulsi, and sandalwood, and were traditionally worn by individuals seeking relief from ailments such as skin disorders and inflammatory conditions. The synergy of herbal medicine and cloth create a holistic treatment approach rooted in ancient wisdom. By the 20th century, textile crafts such as knitting, weaving, and quilting emerged as therapeutic tools within modern psychological and occupational therapy settings. These practices are increasingly recognized for their capacity to support trauma recovery, enhance emotional regulation, and foster a sense of community and identity. These historical and cultural applications have laid the groundwork for the contemporary development of textile-based therapy—a multidisciplinary field that explores the intersection of fabric, wellness, and psychological well-being.

TEXTILES AND THE PSYCHOLOGY OF TOUCH

Touch is a foundational sense in human development, closely linked to emotional regulation and psychological well-being. The concept of *affective touch*—gentle, soothing physical contact—has been shown to stimulate the release of oxytocin, reduce cortisol levels, and activate parasympathetic nervous system responses, thereby promoting calm and emotional stability (Field, 2010). As textiles are among the most frequent tactile stimuli encountered in daily life, they play a significant role in shaping affective experiences and emotional states.

TEXTURE AND SENSORY COMFORT

The tactile quality of a fabric—its texture, softness, and pliability can significantly influence psychological comfort. Soft, plush, or finely woven

textiles are often associated with feelings of safety, relaxation, and emotional ease. Conversely, rough, scratchy, or synthetic materials may elicit discomfort, irritation, or even heightened anxiety, particularly in individuals with sensory sensitivities.

One widely recognized application of this principle is the use of weighted blankets, which utilize deep pressure stimulation to create a calming effect. By mimicking the sensation of a gentle embrace, these textiles have been shown to alleviate symptoms in individuals with anxiety disorders, autism spectrum conditions, and sensory processing challenges (Gee et al., 2019).

THERMAL REGULATION AND EMOTIONAL WARMTH

Thermal sensation is another critical dimension of tactile experience with profound psychological implications. Warmth, whether experienced physically or metaphorically, is closely linked to feelings of safety, belonging, and social connection. Textiles such as wool, fleece, and advanced thermal-regulating fabrics help maintain body warmth, thereby fostering a sense of comfort and emotional security.

Empirical studies suggest that physical warmth can enhance perceived social warmth, reduce feelings of loneliness, and promote interpersonal trust. Bargh and Shalev (2012) demonstrated that warm physical environments or objects such as heated textiles can positively influence mood and social perception, further emphasize the psychological impact of temperature in textile experiences.

COLOUR, MOOD, AND TEXTILE THERAPY

The psychological impact of colour is a well-established area of study, particularly within environments aimed at healing and wellness. Textile design in therapeutic and clinical settings increasingly incorporates principles of colour psychology to influence mood, reduce stress, and support emotional regulation.

For example, blues and greens are commonly associated with tranquility, healing, and calm are frequently employed in hospital linens and therapy rooms. Their soothing properties have been linked to reduced anxiety and lower heart rates, making them ideal for high-stress environments. Warm neutrals, such as beige, taupe, and soft browns, evoke feelings of safety, stability, and grounding, contributing to an emotionally secure atmosphere. Conversely, bright colours when used judiciously can stimulate energy and uplift mood, and are sometimes integrated into therapeutic interventions for individuals dealing with depression or fatigue.

Textile designers have increasingly embraced *chromotherapy* (or colour therapy), an alternative healing method that uses colour to balance energy and emotions. This approach has influenced the development of fabrics dyed using natural botanical processes, which are not only sustainable but also carry symbolic and therapeutic resonance. These naturally dyed textiles can embody emotional states and foster deeper psychological connections. One notable application of chromotherapy in practice is at Khoo Teck Puat Hospital in Singapore, where the interior design including textiles used in bedding and curtains was carefully curated to incorporate pale blues and earthy tones. This chromatic strategy was grounded in research demonstrating the calming effects of blue hues on heart rate and anxiety levels. The result is a visually and emotionally supportive environment that reflects a growing trend toward evidence-based design in healthcare.

By aligning colour science with textile design, chromotherapy continues to shape how we think about fabrics not only as functional or decorative elements but also as tools for emotional and psychological healing.

ART THERAPY THROUGH NATURAL TEXTILE DYEING

Among emerging therapeutic practices, natural dyeing is gaining recognition as a form of art therapy that combines sensory engagement with personal transformation. One such initiative, The Color Me Happy Project in the United Kingdom, exemplifies this approach. Designed specifically for trauma survivors, the programme offers workshops where participants create hand-dyed textiles such as scarves use natural dyes such as indigo and turmeric. These sessions go beyond craft, inviting individuals into a multisensory process that engages touch, sight, and even smell.

Through the ritual of dyeing, participants create objects that hold symbolic meaning each colour and pattern reflecting aspects of their emotional journey. Indigo, often associated with calm and introspection, and turmeric, symbolizing warmth and vitality, are chosen not only for their aesthetic

qualities but for their therapeutic resonance. This tactile, slow-making process fosters mindfulness, grounding participants in the present moment. The act of transforming plain fabric into something deeply personal allows for emotional release, self-expression, and the reclaiming of agency core objectives in trauma-informed care.

Programs like The Color Me Happy Project highlight how textile dyeing can be reframed as a therapeutic dialogue between material, colour, and emotion offering a gentle yet profound path toward healing.

BIO FUNCTIONAL AND SMART TEXTILES IN HEALING

Advancements in textile science and emerging technologies are transforming the role of fabrics from passive materials into active agents of health and emotional well-being. Among these innovations, bio functional textiles stand out as a promising frontier in therapeutic and medical applications.

BIO FUNCTIONAL TEXTILES

Bio functional textiles are engineered to deliver specific biological effects, offering not only comfort but also active support in promoting health. These fabrics are imbued with substances that interact with the body in beneficial ways, making them ideal for use in clinical, wellness, and everyday settings.

The key applications include:

- **Antimicrobial fabrics** used in wound care and post-operative garments help reduce infection risk and promote healing.
- **Herbal-infused textiles** designed to soothe irritated skin, relieve stress, and foster relaxation are being explored for wellness and mental health benefits.
- **Phase-change materials (PCMs)** incorporated into garments help regulate body temperature, offering relief for individuals experiencing chronic pain, inflammation, or menopausal symptoms.

A notable innovation in this field is by the Japanese company Seiren Co. Ltd., which developed a series of bio functional textiles under the brand VIREX™. These textiles incorporate medicinal plant extracts directly into the fibers of underwear and bedding. Users have reported improved skin conditions and enhanced sleep quality. Currently, VIREX™ products are undergoing trials in eldercare facilities, where they show potential in enhancing comfort and preventing infections among vulnerable populations.

By combining traditional healing knowledge with cutting-edge textile engineering, bio functional fabrics are reshaping the future of healthcare and personal well-being. These smart textiles exemplify how material science can move beyond aesthetics and function to actively participate in therapeutic processes.

SMART TEXTILES AND NEURO-RESPONSIVE CLOTHING

Smart textiles are fabrics embedded with sensors, actuators, or conductive fibers represent a significant advancement in wearable technology, offering new frontiers in healthcare, emotional regulation, and sensory therapy. These responsive garments are designed to interact with the body, collecting data and, in some cases, delivering interventions in real time.

Among the most promising developments are emotion-sensing garments, which detect physiological signals such as heart rate variability and galvanic skin response to monitor stress, anxiety, or emotional dysregulation. These textiles serve not only as passive wearables but as active participants in biofeedback loops that help users become more attuned to their internal states.

Other innovations include vibrational textiles that deliver subtle, calming sensory input. These are particularly beneficial for individuals on the autism spectrum or those experiencing post-traumatic stress disorder (PTSD), offering discreet, non-invasive ways to regulate sensory input and reduce overstimulation. In the realm of physical comfort, thermally adaptive and massaging wearables are being used to ease chronic pain, menstrual cramps, and anxiety. These garments deliver targeted heat or gentle pressure in response to biometric signals, providing a tailored therapeutic experience.

A leading example in this space is Sensoria Health, which has developed smart socks and garments equipped with embedded sensors capable of tracking heart rate, step count, and emotional response. Paired with companion mobile applications, these textiles offer users—especially those managing chronic diseases or emotional

disorders—insight into their physiological and emotional patterns. By visualizing this data, users can make informed choices and engage in real-time stress management. The convergence of neuroscience, textile engineering, and digital health in smart clothing is reshaping how we think about fashion. It is not merely as a means of self-expression, but as an active interface between the body, mind, and environment.

TEXTILE-BASED INTERVENTIONS IN MENTAL HEALTH AND TRAUMA RECOVERY

Textiles have transcended their traditional utilitarian roles to become powerful tools in mental health care and trauma recovery. Increasingly integrated into therapeutic practices, textile-based interventions harness tactile engagement, sensory regulation, and cultural traditions to support psychological well-being.

WEIGHTED BLANKETS AND PTSD

Weighted blankets have gained significant clinical attention for their calming effects on individuals experiencing anxiety, post-traumatic stress disorder (PTSD), and sleep disturbances. By applying gentle, evenly distributed pressure across the body often referred to as *deep touch pressure stimulation*—these blankets mimic the sensation of being held or hugged. This somatic experience has been linked to reduced physiological arousal, improved sleep quality, and heightened emotional grounding (Champagne & Mullen, 2012). As such, they are now widely recommended in trauma-informed care settings and psychiatric therapy.

TEXTILE CRAFTS IN TRAUMA THERAPY

Engagement in textile crafts such as knitting, crocheting, quilting, and weaving has emerged as a valuable therapeutic practice. These activities promote mindfulness, enhance focus, and facilitate emotional expression through repetitive, rhythmic motion. It is used in both individual and group therapy settings; textile crafts serve as effective non-verbal tools for trauma processing.

Key applications include:

- **Art therapy for trauma survivors**, where crafting allows safe exploration of emotional memories.
- **Community healing projects**, such as collaborative quilts created by survivors of abuse or violence, which symbolize collective resilience and shared storytelling.
- **Occupational therapy**, where crafts are integrated into treatment for depression, anxiety, and neurocognitive disorders.

Therapist-led knitting circles have become increasingly common in mental health facilities and correctional institutions across the UK and the US. Research from the *Knit for Peace* initiative indicates that regular participation in knitting can significantly reduce symptoms of depression, enhance social connectivity, and support cognitive functioning—particularly among older adults.

A powerful example of textile-based trauma recovery is seen in the work of the **Threads of Life Foundation** in Indonesia. This organization empowers women survivors of domestic violence by teaching them traditional weaving techniques. Through this culturally grounded craft, participants regain a sense of agency and self-worth. Their handcrafted textiles are marketed globally, transforming a healing practice into a means of economic empowerment. These tactile and creative interventions provide trauma survivors with a medium for emotional expression, regulation, and reclamation of control. In many cases, the process of making becomes as meaningful as the product itself fostering restoration, resilience, and reintegration into the community.

ANTHROPOLOGICAL PERSPECTIVES ON TEXTILE-BASED HEALING PRACTICES

Throughout history and across cultures, textiles have played a profound role not only in meeting physical needs but also in expressing identity, facilitating care, and offering spiritual protection. Healing through cloth is a deeply embedded cultural practice, where fabric becomes both a material and symbolic agent of transformation.

In **Tibetan culture**, ceremonial scarves known as *khatas* are imbued with the power of blessing. Scarves are offered during births, departures, and religious rites. They represent goodwill, compassion, and spiritual support. In **West Africa**, particularly among the Akan people of Ghana, *kente cloth* carries deep healing and protective symbolism. The intricate patterns and vibrant colors are more than decorative—they encode philosophical messages, ancestral wisdom, and communal values, often worn during rites of passage and moments of personal or collective healing.

Japanese textile traditions, such as the use of *furoshiki*—versatile wrapping cloths—reveal a cultural emphasis on ritual care, respect, and spiritual continuity. These cloths are not merely functional but are treated with reverence, especially in funerary contexts. Here, *furoshiki* serve as spiritual guides, used to wrap the deceased as they transition to the afterlife, reflecting beliefs about the interwoven nature of cloth, spirit, and journey.

In many **African societies**, postpartum customs involve wrapping new mothers in "protective cloths". It is believed that textiles shield the body and also enacting rituals of spiritual cleansing and renewal. These practices illustrate that the fabric has a dual role in both physical and metaphysical healing. Textiles act as vessels of memory, identity, and emotional restoration. They carry stories, encode symbols, and connect generations through shared practices of care and protection. Whether draped, wrapped, worn, or gifted, healing textiles remind us that fabric is far more than fiber—it is culture, spirit, and legacy woven into form.

FUTURE PROSPECTS

Advancements in material science and a growing understanding of colour psychology deepen the therapeutic potential of fabrics. One of the most promising frontiers is the development of **smart textiles**; fabrics embedded with sensors or responsive systems that actively monitor and adapt to the wearer's physiological state. Innovations such as **bio-sensing garments** that detect stress markers, **temperature-regulating active wear**, or **fabric-integrated aromatherapy** represent a future where clothing not only protects and adorns but also participates in health management and emotional regulation. Ultimately, the thoughtful integration of colour and fabric design offers a powerful, non-invasive approach to supporting mental and physical health, underscoring the essential role of textiles in holistic healing strategies.

CONCLUSION

Textiles are not simply passive objects; they are active participants in shaping the emotional, psychological, and physical states of individuals. Whether through historical practices, cultural beliefs, or modern technological innovations, textiles have been an integral part of healing. From ancient spiritual cloths to modern-day wearable tech, the potential of textiles to promote well-being is vast and continues to grow. As research into therapeutic textiles evolves, the potential for healing and comfort through fabric is boundless.

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DESIGN AND DEVELOPMENT OF MOTIFS INSPIRED FROM COVID-19 PANDEMIC AND IMPLEMENTING ON GARMENTS

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Abstract

The COVID-19 pandemic is an ongoing global pandemic of coronavirus disease which has changed the routine life of people and it is the first ever global pandemic which made historic economy loss and high loss of people's lives in short period. The research idea was focused on exploring the techniques of developing motif designs from covid-19 as an inspiration and implementing the developed motif designs into fabric by stencil printing and constructed into garments. The outcome of the result was discussed and analysed critically. This study will enable textile designers and others acquire new and interesting techniques in creating textile motif designs from any inspiration related to social being.

Keywords : covid-19, motifs, Photoshop, stencil, theme, flat sketch.

Introduction

Designing in textile is an important component of textile production. Variety of designed fabric that is more appealing and marketable may have been influenced by the initial designing process. The execution of a good design needs the consideration of certain essential factors such as the motif or subject matter, arrangement of motifs and style of rendering combined with the use of colour. Design themes or motifs can be chosen from various sources such as natural, artificial, geometrical, traditional symbols, pictorial scenes, and proverbs among others. For a design to redeveloped onto a fabric, it needs to go through a printing process. Printing therefore is the process of transferring design from rollers, screen, block and so on onto a textile material with print paste and it includes Roller printing, Screen printing, Block printing, Heat transfer, Polychromatic and Electronic printing. (Ashitey, 2013)

A pandemic is defined as "an epidemic occurring worldwide, or over a very wide area, crossing international boundaries and usually affecting a large number of people". The classical definition includes nothing about population immunity, virology or disease severity. By this definition, pandemics can be said to occur annually in each of the temperate southern and northern hemispheres, given that seasonal epidemics cross international boundaries and affect a large number of people. (WHO).

The COVID-19 pandemic is also known as the coronavirus pandemic. It is an ongoing global pandemic of coronavirus disease (COVID-19) caused by severe acute respiratory syndrome (SARS-CoV-2). The virus was first identified in Wuhan, China, in December 2019. The WHO declared a Public Health Emergency of International Concern regarding COVID-19 on 30 January 2020, and later declared a pandemic on 11 March 2020. More than 167 million cases have been confirmed, with more than 3.46 million confirmed deaths attributed to COVID-19 as of May 2021, making it one of the deadliest pandemics in history. (The Hindu, 2021)

Considering the above facts in mind the investigator selected to study on "Design and Development of Motifs Inspired from Covid-19 Pandemic and Implementing on Garments" with the following objectives to :

- Design motif inspired from covid-19 pandemic using photoshop cs6
- Applying pattern on flat sketch of garment using photoshop cs6
- Print motif on fabric by using stencil printing method
- Construct garments from motif printed fabric

Review of Literature

Fibre to Fashion stated that the motif can be an idea, an object or creativity, or we can say a motif differs from a theme. So, motif means a design that consists of recurring shapes or colours, a theme that is elaborated on in a piece of music & unifying idea that is a recurrent element in a literary or artistic work.

Utsavpedia defines that Motif can be classified into various types, according to the theme selected motifs differs. The most commonly used motifs in Indian textile industry during ancient period are peacock, parrot, goose, lotus, mango, tree laden and elephant. According to Ulzen Appiah (2009), the 4 common types of pattern repeats are: Full drop, Half drop, Mirror and Continuous, he also stated that other types of motif arrangements such as spot design arrangement which mostly have plain background with textures concentrated on motifs, counter change, scalloped or meandering, composition, pictorial and other basic design arrangements such as diamond within square,

square within square, circle within square, triangle within square, oval within square among others. Adobe Photoshop for Fashion Design increased methods of designing and ways to think about designing fashion apparel and textiles, it also helps to develop skills in fashion design, textile design and presentation techniques (Lazear, 2009). When combined with Illustrator, Adobe Photoshop adds to the versatility of fashion design projects, allowing you to work with various bitmap images as well as imported Illustrator images. Using Photoshop, fashion designers can re-colour textiles, create textile design repeats, clean scanned images, assemble CAD presentations, render sketches, add dimensional shading, and more. (designersnexus)

Microsoft Encarta (2009), asserts that, design can involve making products, machines, structures that serve their intended purpose and pleasing to the eye. According to fibre to fashion, Fashion design is the art of the application of design and aesthetics or natural beauty to clothing and accessories. Fashion designers attempt to design clothes which are functional as well as aesthetically pleasing.

Godwin (2010), further asserts that, several fine arts movements have influenced textile design, including neoclassicism, art deco, art nouveau, the Bauhaus, the art and craft movements, chinoiserie, cubism, expressionism, ethnic, folk and pop art, many individual fine artists have also inspired textile designers.

The free encyclopaedia, from Wikipedia (2010), describe element of design as the basic units of a visual piece that make up a painting, drawing, design, among others. These include point or dot, line, shape, form, colour, space and texture. According to Jirousek (2005), design principles are concepts used to organise or arrange the structural elements of design. Again, the way in which these principles are applied affects the expressive content, or the message of the work. These include balance, proportion, rhythm, contrast, unity, harmony, repetition, dominance, variety and emphasis.

Bradley (2010), simply describes colour as light. Light is electromagnetic radiation and over a range of wavelengths it makes an impression on the human eye. A colour wheel in accordance with the free encyclopaedia is an abstract illustrative organization of colour hues around a circle that shows relationships between primary colours, secondary colours, complementary colours, among others.

Methodology

Procedure of the study: The overall procedure of the study is to design motifs inspired from covid-19 pandemic in Photoshop and incorporating the designed motifs on flat sketch of garments. Finally, the stencil is prepared according to the design and the motif is transferred to the fabric by stencil printing and then the fabric is constructed into garments.

Design 1
Inspiration of the design - corona virus

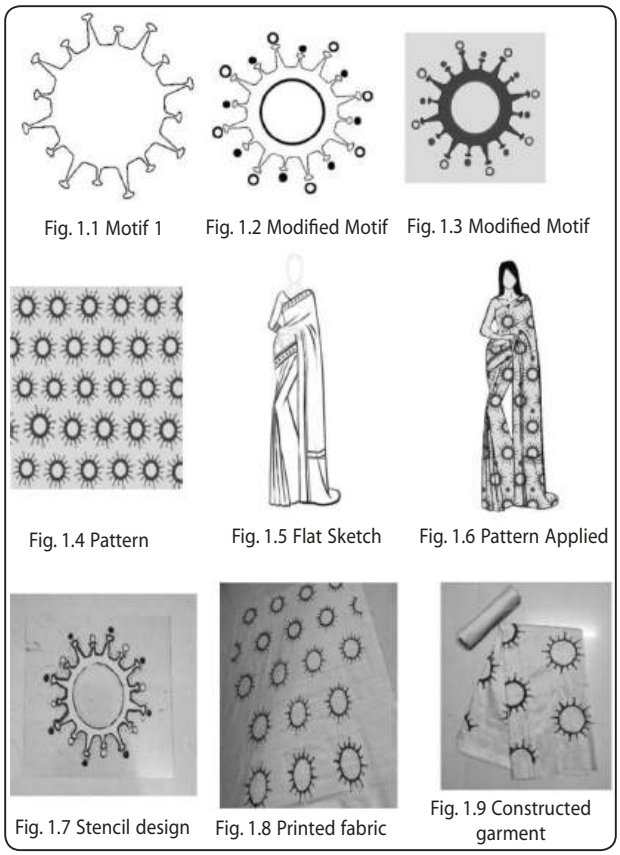

Fig. 1.1 Motif 1 Fig. 1.2 Modified Motif Fig. 1.3 Modified Motif

Fig. 1.4 Pattern Fig. 1.5 Flat Sketch Fig. 1.6 Pattern Applied

Fig. 1.7 Stencil design Fig. 1.8 Printed fabric Fig. 1.9 Constructed garment

Coronavirus is the first and foremost reason for the pandemic. Hence the microscopic view of Corona virus is taken as a first design (fig 1.1). The microscopic view of coronavirus is modified as a design to apply on garment (fig 1.2 & fig 1.3). The modified motif design is converted into pattern(fig 1.4) and applied to the flat sketch of the garment (fig 1.6). Stencil is prepared according to the design (fig 1.7) and the design is applied on the fabric at regular intervals by stencil printing (fig 1.8). The coronavirus modified motif design is constructed as a saree garment (fig1.9).

Design 2

Inspiration of the design – Doctors

Fig. 2.1 Motif 1

Fig. 2.2 Modified Motif

Fig. 2.3 Modified Motif

Fig. 2.4 Pattern

Fig. 2.5 Flat Sketch

Fig. 2.6 Pattern Applied

Fig. 2.7 Stencil design

Fig. 2.8 Printed fabric

Fig. 2.9 Constructed garment

Doctors are greatly helping to the suffering hearts during the pandemic. The help of the doctors and their dedication towards their profession during the pandemic by risking their life to save others life is great. Hence the Stethoscope is taken as an inspired motif (fig 2.1). The Stethoscope is modified as a design to apply on garment (fig 2.2 & fig 2.3). The modified motif design is converted into pattern (fig 2.4) and applied to the flat sketch of the garment (fig 2.6). Stencil is prepared according to the design (fig 2.7) and the design is applied on the fabric at regular intervals by stencil printing (fig 2.8). The Stethoscope modified motif design is constructed as a lehenga skirt garment (fig 2.9).

Design 3

Inspiration of the design – vaccination

Fig. 3.1 Motif 1

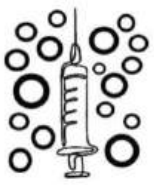

Fig. 3.2 Modified Motif

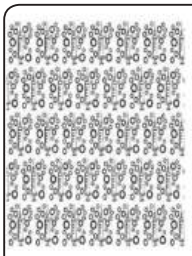

Fig. 3.3 Pattern

Fig. 3.4 Flat Sketch

Fig. 3.5 Pattern Applied

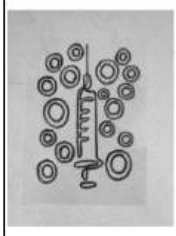

Fig. 3.6 Stencil design

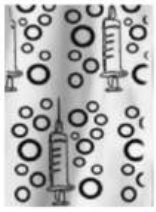

Fig. 3.7 Printed fabric

Fig. 3.8 Constructed garment

Vaccine is one of the great expectations of the people, doctors, scientist and so on. The vaccine for coronavirus is finally discovered and is now processed to people. To boost people to get vaccinated, injection is chosen as an inspired motif (fig 3.1). The injection is modified as a design to apply on garment (fig 3.2). The modified motif design is converted into pattern (fig 3.3) and applied to the flat sketch of the garment (fig 3.5). Stencil is prepared according to the design (fig 3.6) and the design is applied on the fabric at regular intervals by stencil printing (fig 3.7). The modified injection motif design is constructed as a palazzo garment (fig 3.8).

Design 4

Inspiration of the design – Lockdown

Fig. 4.1 Motif 1

Fig. 4.2 Modified Motif

Fig. 4.3 Pattern

Fig. 4.4 Flat Sketch

Fig. 4.5 Pattern Applied


Fig. 4.6 Stencil design


Fig. 4.7 Printed fabric


Fig. 4.8 Constructed garment

Lockdown plays an important role in reducing the spread of coronavirus among people. If there is no lock down the spread of coronavirus becomes faster and the impact will become tremendous. Hence home and the lock are chosen as an inspired motif from lockdown (fig 4.1). The lockdown is modified as a design to apply on garment (fig 4.2). The modified motif design is converted into pattern (fig 4.3) and applied to the flat sketch of the garment (fig 4.5). Stencil is prepared according to the design (fig4.6) and the design is applied on the fabric at regular intervals by stencil printing (fig 4.7). The modified lockdown motif design is constructed as a waistcoat (fig 4.8).

Design 5
Inspiration of the design – Mask

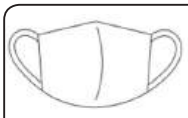
Fig. 5.1 Motif 1


Fig. 5.2 Modified Motif

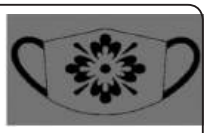
Fig. 5.3 Modified Motif


Fig. 5.4 Pattern


Fig. 5.5 Flat Sketch


Fig. 5.6 Pattern Applied

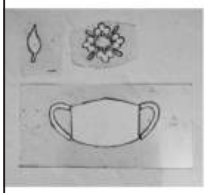
Fig. 5.7 Stencil design


Fig. 5.8 Printed fabric


Fig. 5.9 Constructed garment

Mask plays an important role in reducing the spread of coronavirus. wearing mask will reduce the spread of coronavirus by up to 95%. Hence mask is chosen as an inspired Motif (fig 5.1). The mask is modified as a design to apply on garment (fig 5.2). The modified motif design is converted into pattern (fig 5.4) and applied to the flat sketch of the garment (fig 5.6). stencil is prepared according to the design (fig 5.7) and the design is applied on the fabric at regular intervals by stencil printing (fig 5.8). The modified mask motif design is constructed as a kurta garment (fig 5.9).

Design 6
Inspiration of the design – sanitizer


Fig. 6.1 Motif 1


Fig. 6.2 Modified Motif

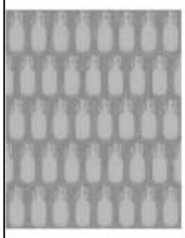
Fig. 6.3 Pattern


Fig. 6.4 Flat Sketch

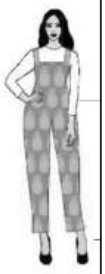
Fig. 6.5 Pattern Applied

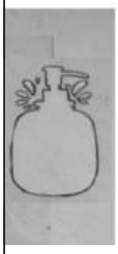
Fig. 4.6 Stencil design


Fig. 4.7 Printed fabric


Fig. 4.8 Constructed garment

Sanitizer is used to kill virus spread on our hands and other things. Hence sanitizer is prescribed by doctors to use regularly if we go outside and also doctors are advising to use sanitizer and rub it on hands thoroughly before touching nose and mouth. Sanitizer is chosen as an inspired motif (fig 6.1). The sanitizer is modified as a design to apply on garment (fig 6.2). The modified motif design is converted into pattern (fig 6.4) and applied to the flat sketch of the garment (fig 6.6). Stencil is prepared according to the design (fig 6.7) and the design is applied on the fabric at regular intervals

by stencil printing (fig 6.8). The modified sanitizer motif design is constructed as a jumpsuit (fig 6.9).

Conclusion The motif is a trimming that is used to increase the attraction and make it fashionable. Motif designs are relatively easy to transfer to stencil and size can be readily varied. The designer also has the freedom to choose any repeat size. Designing on Photoshop helps to experience different designs and allows us to choose the best designs created. Stencil printing is less expensive and easy way for printing design. The key advantage of stencil printing is that it can be used repeatedly. Motif development is an important factor in textile industry as it gives attraction and makes the garment more fashionable. Motif design inspired from covid-19 is created to remember the historical pandemic and the designs inspired from covid-19 may get popularity in fashion industry in future as it is unforgettable among people's mind.

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Germany beats Japan's 34-year run as world's top creditor

Japan lost its position as the world's largest creditor nation for the first time in 34 years, giving up the title to Germany despite posting a record amount of overseas assets.

Japan's net external assets reached ¥533.05 trillion ($3.7 trillion) at the end of 2024, rising about 13% from the previous year, according to data released recently by the Ministry of Finance.

While the figure marked an all-time high, it was overtaken by Germany, whose net external assets totaled ¥569.7 trillion.

China stayed in third place with net assets of ¥516.3 trillion.

Japan began its streak at the top by overtaking Germany in 1991.

Germany's ascent reflects its substantial current account surplus, which reached €248.7 billion in 2024 thanks largely to a strong trade performance. Japan's surplus in turn was ¥29.4 trillion according to the finance ministry, equivalent to around €180 billion.

Last year the euro-yen rate rose around 5%, exaggerating the increase in German assets versus Japanese in yen terms.

Japan's status as the world's biggest net-creditor nation was a consequence of decades of current account surpluses that saw Japanese investors and companies load up on holdings abroad.

Losing the title suggests that while Japan's assets continue to rise, real demand has been stronger in other nations, including Germany and China.

A country's net foreign assets are the value of its overseas assets minus the value of its domestic assets that are owned by foreigners, adjusted for changes in currency values, and the figure is essentially reflected in the cumulative change of the country's current account.

Minister of Finance Katsunobu Kato signaled recently that he was unperturbed by the development.

"Given that Japan's net external assets have also been steadily increasing, the ranking alone should not be taken as a sign that Japan's position has changed significantly," Kato told reporters.

For Japan, a weaker yen contributed to increases in both foreign assets and liabilities, but assets grew at a faster pace, driven in part by expanded business investment abroad.

Recently data generally reflect broader trends in foreign direct investment.

In 2024, Japanese companies maintained a robust appetite for foreign direct investment, particularly in the US and UK, according to the ministry.

Sectors such as finance, insurance and retail attracted significant capital from Japanese investors, the ministry said.

Japan's increasing allocations of funds to direct investment rather than foreign securities means it's more difficult to repatriate funds quickly, according to Karakama. ■

EXPORT PROSPECTS AND MARKETS

Task force on textile explores strategies to spur exports

The First Meeting of the Task Force on Textile Exports set up to create a unified platform for addressing critical issues concerning the textile sector discussed issues related to European Union's regulations regarding sustainability, separate codes for GI products and strengthening e-commmerce for exports.

The meeting of the task foce held recently under the chairmanship of commerce secretary Sunil Barthwal also discussed simplifying the regulatory framework, labour, cost competitiveness for productivity enhancement, skilling and branding, a statement by the commerce ministry said.

Issues related to the upgradation of Environmental Social and Governance (ESG) infrastructure in garment manufacturing units, use of renewable energy was also discussed. Suggestions regarding Interest Subvention Schemes, assistance for Certification and Testing, collateral Support for export Credit for MSME Exporters were also made by stakeholders during the meeting.

The task force also discussed issues around exhort promotion schemes like RoDTEP (Remission Products) amd RoSCTL (Rebate of State and Central Taxes and Levies), Duty Drawback and PM MITRA Textile Parks.

After the discussions, it was decided that relevant sub-task forces would be formed on the issues discussed at the meeting. The sub-task force shall be led by the concerned Ministry along with participants from Export Promotion councils and the Industry to work on and provide actionable recommendations to the Task force. ❐

India emerges Go-To Apparel Hub as Buyers Ditch China, Bangladesh

India's apparel exports continued to grow in double digits, clocking a 11.3% on year rise in May, showed data compiled by industry body Confederation of Indian Textile Industry (CITI). Exports are getting a boost with buyers in the West increasing sharpening their focus on India as a reliable apparel sourcing alternative to Bangladesh and China.

Apparel exports accelerated to grow in double digits due to political uncertainties caused by the ouster of the Sheikh Hasina government in Bangladesh last August. Exports surged by 17-3% in September ; and fuirther by 24.35% in October.

Many buyers from developed nations and pushing Indian suppliers to expand capacities and get requisite certifications, as the country will get a duty differential advantage over China due to the reciprocal tariffs imposed by the Donald Trump administration.

The export surge is a welcome reflief for India's apparel industry which faced two straight years of weakness after the pandemic. "There was a fall in India's apparel exports after Covid, as consumers bought fewer newer clothes due to excess purchases made during the Covid period. There was a period of stagnation or degrowth for about the years post Covid." said Sanjay K. Jain, chairman, National Textile Committee, Indian Chamber of Commerce.

The industry started seeing green shoots of recovery following the regime change in Bangladesh and political turbulence.

Industry leaders said as apparel supplies are a continuous process, buyers do not prefer uncertainties in the supply chain.

Unlike their Indian counterparts, apparel manufacturers in Bangladesh have huge capacities which can cater to bulk orders within a short period. The Indian industry expects the export momentum to sustain due to the duty differential advantage over China. "There is a big window of opportunity for Indian apparel exporters. The $120 billion US market is the biggest opportunity. All we need is to get the raw matterial at competitive rates," said Jain,

India has a $10 billion share of the US market, compared to China's $30 billion.

Even as apparel exports continue to gather pace, imports of raw cotton are also increasing as domestic cotton prices are trending higher than international prices. ❐

Readymade garment exports surge 11% in May to $1.5 billion

Export of readymade garments grew 11 per cent in May to $1.5 billion from $1.3 billion in May 2024, said A Sakthivel, Vice-Chairman, Apparel Export Promotion council (AEPC).

The cumulative readymade garment exports for April-May 2025-26 stood at $3 billion, a 13 per cent growth over the same period in the previous year, he said.

Strong Momentum

This consistent upward trend reflects a strong momentum in the sector and reinforces optimism for sustained growth in the coming months and throughout the current fiscal year, he added. Sakthivel said the continuous growth is a source of new inspiration and motivation for exporters.

He expressed confidence that the sector is well on its way to achieving the ₹50,000 crores export target set for the year, symbolising both opportunity and aspirations for the industry.

Bangladesh Issue

His optimism comes in the backdrop India signing the Free Trade Agreement with the UK and issues in Bangladesh, which could help Indian companies.

The bilateral trade agreement with the US will be concluded soon, and exporters are hoping that it would be positive for them, he said. ❐

Shein, Reliance plan to sell India-made clothes in global markets within a year

Fashion retailer Schein and partner Reliance Retail plan to repidly expand their Indian supplier base and start overseas sale of India-made Shein-branded clothes within six to 12 months, said two people with knowledge of the matter.

The China- founded, Singapore-headquartered e-commerce firm has been discussing plans with the Indian retailer since before the US imposed tariffs on Chinese imports that intensified the need to diversify sourcing, the people said. The aim is to raise Indian suppliers to 1,000 from 150 within a year.

Shein said it licensed its brand for use in India. Reliance did not respond the queries.

Shein sells low-prices apparel, such as $5 dresses and $10 jeans, shipped directly from 7,000 suppliers in China to customers in around 150 countries. Its biggest market is the US, where it is adjusting to tariffs on low-value e-commerce packages from China, which were previously imported duty free.

Unveil of App

The retailer launched in Indian in 2018, but its app was banned in 2020 as part of government action against China-linked firms amid border tension with its North Eastern neighbour. It returned in February under a licensing deal with the Reliance Industries unit, which launched Shein India.in selling Shein-branded clothes from local factories. In contrast, Shein's other websites mainly list goods from China.

Reliance, controlled by Asia's rechest person Mukesh Ambani, has contracted 150 garment manufacturers and is in discussion with 400 more, said the two people, declining to be identified due to confidentiality concerns. The goal is 1,000 Indian factories making Shein-branded clothes within a year for both the Indian market and to service some of Shein's global website, the people said.

Shein initially wants to list India-made clothes on the US and British websites, one of the people said.

Discussions have been ongoing for months and the launch time of six to 12 months could change depending on suppplier numbers, the person said.

The scale of supplier expansion and export time frame is being reported here for the first time.

Shein has licensed its brand for domestic use to Reliance, which "is responsible for manufacturing, supply chain, sales and operations in the Indian market", it said. ❐

Kitex Garments finds shine on apparel industry shifts from Bangladesh to India

India's apparel manufacturing industry is beginning to benefit from the political unrest in Bangladesh, with many global buyers shifting sourcing to India to meet export commitments.

Sabu Jacob, Managing Director of Kitex Garments, told reporters that around 80 per cent of Bangladesh's apparel exports cater to the European market, largely due to duty-free concessions. However, India's recent Free Trade Agreement with the UK and the anticipated dutyfree access to the EU are expected to create more opportunities for Indian manufacturers.

India's trade agreements with the US, which offer either zero or very low duties, will enhance the country's competitiveness and generate more employment opportunities. The Centre views the apparel industry as a vital source of employment, he added.

Jacob pointed out that a tariff pause introduced by the Trump administration has prompted a shift in US-bound appael manufacturing from countries such as Cambodia and Vietnam to India, where tariffs are 15-20 per cent lower.

EXPORT PROSPECTS AND MARKETS

In 2024, India's apparel export capacity was $17 billion, with the country already achieving nearly 100 per cent utilisation at $16.5 billion. In contrast, Bangladesh's apparel export capacity standa at $140 billion. "This presents a significant opportunity in global apparel exports," Jacob said.'

Production Capacity

Kitex Garments is currently expanding its production capacity to 3.1 million pieces per day, backed by an investment of 3,500 crores in its Talengana facility."Our Warangal unit began production in April, and our Hyderabad facility is expected to be operational by December 2026," he added.

On the company's performance in FY 25, Jacob said Kitex achieved a record turnover of ₹1,020 crores, up from ₹641 crores — a 59 per cent increase. Profit after tax rose by 124 per cent of ₹152.6 crores, compared to ₹68 crores in the previous fiscal. ❐

Govt assured to protect textiles sector in trade pact with US: Goyal

Commerce and Industry Minister Piyush Goyal has assured industry bodies that the government will protect the interests of the textiles and apparel sector in the proposed trade agreement with the US, AEPC said.

Apparel Export Promotion Council (AEPC) Chairman Sudhir Sekhri said he, along with TEXPROCIL (Cotton Textiles Export Promotion Council) Chairman Vijay Agarwal, met the Minister to apprise him of key concerns related to the proposed agreement.

"The Minister gave a patient hearing to the concerns raised and assured the delegation that the government is committed to protecting labour-intensive sectors during the ongoing negotiations under the India-US Bilateral Trade Agreement," AEPC said.

The Minister also reiterated that all necessary steps would be taken to ensure that India's interests, are safeguarded. It further said that if the US will go ahead with the additional 26 per cent reciprocal tariffs on India then it would have serious implications for the sector's exports to America. Both the heads expressed deep concern over the potential ramifications for the textile and clothing sector, which is a major contributor to India's export economy and employment, AEPC said. ❐

Despite global headwinds Apparel exports continue to grow

Despite the global headwinds such as the ongoing West Asia crisis, Russia-Ukraine conflict, global logistical challenges, tariff uncertainties by the US and slowdown in many global markets, India's readymade garment exports grew 12.8% on year reaching $2.89 billion in the April-May, chairman of Apparel Export Promotion Council Sudhir Sekhri said.

"With the geopolitical realignment of supply chains, government policy push & incentives, sustainability practices and availability of natural fibers coupled with the skill heritage and digitisation India's garment exports is poised to touch $40 billion target by 2030," he said at the India International Garment Fair.

Speaking at the event, minister of state for textiles and external affairs Pabitra Margherita said, "In 2023-24 alone, we exported textile products worth $34.4 billiion, with apparel accounting for 42% of that. We now aim to cross $100 billion in textile exports by 2030". The India–UK FTA, and our ongoing talks with the EU & the US will open up new avenues for growth and the government is committed to equip Indian exporters with the right strategy, standards, and compliance to seize these opportunities, the minister added.

The textile and apparel industry contributes 2.3% to India's GDP, 13% to industrial production, and 12% to exports, the AEPC said.

The 73rd edition of IIGF focusses upon showcasing latest apparel trends tailored to meet the requirements of the European Union, USA, and other Western markets.

Global brands and retail chains that include Lulu Group International (UAE); One Brand Apparel, POL CLOTHING, INC. (USA); Lola Casademunt, Signes Grimal Artesania (Spain); Delta Galil

Industries (Hong Kong) are at the fair looking at sourcing opportunities.

Natura Invicta LDA, Alex Group SRL (Italy); MN Inter-Fashion Ltd, Abahouse International Co. (Japan); Fiaisal Al Rasheed Group of Company (Kuwait); Natura Invicta (Portugal); M A Alabdulkarim & Co. Ltd., Imtiaz Al Arabia (Saudi Arabia) and Debenhams Group (UK) are the other chains that are participating in the fair. ❐

Textile Cos Rally after US increases Tariffs on Dhaka

Textile stocks jumped up to 9% recently after US President Donald Trump iposed 35% tariffs on garment imports from Bangladesh — one of the biggest exporters of garments to the US — effective from August 1. The move spurred optimism in Indian textile stocks, in anticipation that lower tariffs on Indian exports could lead to better prospects for these companies.

Analysis said a trade deal between India and he US could lead to lower tariffs, which may improve business for textile companies.

"The imposition of a igher rate of tariffs on key garment exporters like Bangladesh puts Indian textile exporters in a favourable position," said Kaustubh Pawaskar, VP — Lead Analyst (Consumption), ICICI Securities (Retail). "Any positive development in the India-US trade deal could result in further gains."

However, until the uncertainty over the deal persists, near-term volatility cannot be ruled out.

The stocks gave up some of the gains but still closed higher recently. Raymond Lifestyle gained 5%, while K.P.R. Mills and Trident advanced 3.6% and 3.3%, respectively. Gokaldas Exports and Garware Technical Fibres rose 2.7% and 2.1%, respectively, while Welspun Living moved 0.6% higher.

"The 35% tariffs on Bangladesh and 36% on Cambodia and 40% on Myanmar – major textile exporting nations — may be favourable for India, as the expected trade deal between the US and India may include a lower tariff rate for India, which prompted the buying interest in textile stocks today," said Prerna Jhunjhunwala, VP, Equity Research — Textile and Retail, Elara Capital.

Jhunjhunwala said valuations are factoring in structural opportunities from the US Free Trade Agreement, the India-US trade deal, and a potential dealbetween the EU and India, but near-term uncertainty is expected to persist.

India currently holds just 6% of the US Ready-Made Garment market, compared with Vietnam's 19% and Bangladesh's 9%. The tariffs on these countries create opportunities for Indian exporters.

"With Bangladesh's key exports — woven apparel ($4.78B) and knitwear ($2.63B) — now costlier, India's own exports in knit & woven garments ($2.55B each) and home textiles ($2.21B) are set to gain share," said Dharan Shah, Founder, Tradonomy. AI — an investment platform. "Gokaldas Exports, Vardhman Textiles, and KPR Mills are best positioned to benefit from this sourcing shift, especially in high-demand U.S. apparel segments," he said.

Analysts said most textile stocks have seen significant corrections recently. However, growth is likely to be flattish in FY26, as retailers in the US have remained cautious and are not keeping excess inventory.

"Order outlook will improve once uncertainties related to tariffs are settled," said Pawaskar. "The benefit from the trade deals with the US and the UK is likely to trickle in FY27 and lead to consistent growth for textile companies in the medium to long run."

Jhunjhunwala said the profitability of textile companies could be under pressure for now. ❐

India's jute import restricted and their implications

The recent directive from India's Directorate General of Foreign Trade (DGFT), restricting the import of select jute and flax products from Bangladesh to a single entry point, Nhava Sheva Seaport (JNPT), has added a new layer of complexity to an already delicate trade relationship between the two South Asian neighbours.

This measure curtails the entry of key jute and bast fibre commodities through traditional land ports like Petrapole and Gede, which have long served as critical lifelines for cross-border trade.

While the notification cites quality control, traceability, and inspection uniformity as the primary motives, the broader ramifications, both economic and geopolitical, are hard to ignore.

Jute trade has long been a cornerstone of Bangladesh's exports to India, supported by

regional frameworks like the South Asian Free Trade Area (SAFTA) and India's Duty-Free Tariff Preference (DFTP) Scheme for Least Developed Countries (LDCs). Under these regimes, Bangladesh has enjoyed near-complete duty-free access to the Indian market.

According to DGCI&S data, the import value of raw jute from Bangladesh surged from $3.26 milliion in 2020 to $9.43 million in 2022, stabilising around $8.64 million in 2024.

Similarly, imports of jute yarn increased from $2.06 million in 2020 to $3.82 million in 2023, underscoring Bangladesh's dominance in natural fibre supply chains. However, this sharp growth also raised concerns within Indian regulatory bodies over potential misclassification, under-invoicing, and exploitation of less-monitored land ports. The import pattern of single flax yarn is even more revealing, showing a sharp spike from $95,107 in 2020 to $3.88 million in 2021, only to plunge again to $1.41,000 in 2023, inviting reulatory scrutiny. These inconsistencies raise valid concerns about compliance and origin, particularly when routed through smaller land ports lacking the digital and logistical infrastructure of seaports like Nhava Sheva.

To ease formalisation

By restricting sensitive fibre imports to a single, well-equipped seaport, Indian authorities aim to eliminate routing ambiguities and reinforce valuation accuracy. But this move has impacted Bangladesh exporters who rely mainly on land-based transport.

After pursuing an open door policy for decades recent measures by India suggest a shift from trade liberalisation to trade management – to protect domestic interests, plug revenue leakages, and assert regulatory sovereignty.

From a strategic standpoint, India's policy pivot could also be interpreted through the lens of geo-economic positioning. Infrastructure projects like the Akhaura-Agartala rail link, remain incomplete or inactive. Meanwhile, India has recently revoked transhipment benefits previously extended to Bangladesh at Indian ports, reinforcing a narrative of tightened logistical control.

These actions suggest a broader intent; to recalibrate trade terms in favour of enhanced compliance while nudging Bangladesh toward a more formalised, rule-based trading relationship, possibly through a proposed Comprehensive Economic Partnership Agreement (CEPA), which both nations began exploring in 2022.

Whle regulatory vigilance is justifiable, the unilateral nature of such actions risks denting bilateral trust. Bangladesh remains India's largest trading partner in South Asia, and India has consistently enjoyed a trade surplus in the bilateral corridor.

In FY24, Indian exports to Bangladesh stood at $13.3 billion, while imports were approximately $2.7 billion, highlighting the strategic leverage India holds. For this very reason, trade regulation must be accompanied by diplomatic engagement and institutional transparency. Sudden port restrictions or policy shifts risk unsettling an otherwise growing and mutually beneficial trade relationship.

DGFT's notification is not an isolated administrative order but a reflection of deeper currents reshaping India's trade philosophy, one that emphasises compliance, inspection, and centralisation over decentralised facilitation. While the rationale may be economically sound, the execution must be diplomatically sensitive. If left unaddressed, scuh measures may dampen investor confidence, harm small exporters, and strain the goodwill that has defined India-Bangladesh trade for decades. A calibrated way forward would involve formalising CEPA negotiations, building shared inspection infrastructure, and engaging in bilateral consultations to ensure that trade flows remain not just regulated but resilient. ❐

India-UK FTA, deals being negotiated with EU, US to open new avenue for textiles growth

The India-UK Free Trade Agreement and the ongoing free trade negotiations with the EU and the US will open new avenues for growth for the textiles sector, Minister of State for Textiles Pabitra Margherita has said.

"These are high-value, quality-conscious markets, and we are committed to equipping Indian exporters with the right strategy, standards and compliance to seize these opportunities," the Minister said at the inauguration of the 73rd Edition of the India International Garment Fair (IIGF) recently.

More than 360 exhibitors from across the country and buyers from 80 countries are participating in IIGF, per a statement issued by the Apparel Exports Promotion Council (AEPC). Foreign participants are from all parts of the globe, spanning North America, Latin America, Europe, Asia, Oceania, Africa and Eurasia.

"In 2023-24 alone, India exported textile products worth $34.4 billion, with apparel accounting for 42 per cent of that. We now aim to cross $100 billiion in textile exports by 2030, and every MSME, every entrepreneur, every exporter has a role in achieving this," Margherita said.

The textile and apparel industry contributes 2.3 per cent to India's GDP, 13 per cent to industrial production and 12 per cent to exports.

Exports to grow

Despite geo-political disturbances, global logistical challenges and the US tariff uncertainty, garment exports from India posted growth of over 12 per cent (year-on-year) in the first two months of the fiscal at a cumulative $2.88 billion and may touch new highs in the current fiscal, according to Sudhir Sekhri, Chairman, AEPC.

The 73rd edition of IIGF focuses on showcasing latest apparel trends tailored to meet the requirements of the European Union, the US, and other western markets, Sekhri said. "A large number of them are based on sustainable manufacturing practices. This year's event will highlight India's prowess in design, pattern and technological advancements, eflecting our unwavering commitment to innovation and responsible production," he added. ❐

India's order: Jut imports from Bangladesh not allowed through landport on India-Bangladesh border

Weeks after imposing land ports restrictions to apparel exports from Bangladesh, India has odered Jute from Bangladesh will not be allowed to enter India through land ports on India-Bangladesh border. A notification to that effect was issued recently by the Directorate General of Foreign Trade informing that the restrictions will apply "across all land and seaports" with the exception of the Nhava Sheva seaport in Mumbai.

Official sources informed that the port restrictions on "jute and allied fibre/products from Bangladesh" had been implemented with immeditate effect.

"Jute from Bangladesh enjoys a duty free access to India. However, the Indian jute industry has, for long, suffered due to the adverse impact of dumped and subsidised imports of jute products – particularly yarn, fibre and bags — from Bangladesh," said an official source explaining the reason behind the imposition of entry ban on jute from Bangladesh.

India had imposed anti-dumping duties (ADD) on jute from Bangladesh but that did not reduce jute imports from Bangladesh due to continued subsidies by the Government of Bangladesh, said sources.

Sources further said India has been raising its concerns on jute before the authorities in Dhaka but Bangladesh only made "nominal adjustments" and continues to incentivise exports particularly in cases of "value-added jute products". Jute is produced in West Bengal, Bihar, Assam, Odisha, Andhra Pradesh, Tripura, and Meghalaya and jute industry employs around four lakh workers in organised mills and diversified units. "Artificially depressed prices caused by subsidised imports have had a direct and adverse impact on the income of jute farmers."

Recent order includes flax tow and waste (including yarn waste and garneted stock), jute and other textile bast fibers, single yarn of jute or of other textile bast fibers, woven fabrics or flax, unbleached woven fabrics of jute or of other textile bast fibers. The order will not affect Bangladesh's exports to Nepal and Bhutan but re-exports of the same from Nepal and Bhutan to India will not be allowed.

"Bangladesh must not be allowed to persist with unfair trade practices that harm the livelihood of Indian farmers and mill workers in a sector that forms the economic backbone of dependent rural regions. The market access extended by India in good faith cannot be undermined to the detriment of India's economic interests," said an official while explaining the decision on land ports restrictions on jute from Bangladesh.

The reporters was told that India will ensure that Bangladesh will not be able to access India's jute market via third countries, circumventing the restrictions. ■

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Honouring Excellence : Dr. G. V. Aras conferred a Doctorate Degree by French University at TAI, Mumbai Unit

The Textile Association (India), Mumbai Unit successfully organized a special ceremony on 30th May 2025 to felicitate Dr. G. V. Aras on his receiving a honorary Doctorate degree from prestigious French University Ecole Superieure Robert De Sorbon. The function was held at TAI, Mumbai Unit Office. It was a tribute to Dr. Aras's decades of impactful contributions to the textile and apparel industry.

Rajiv Ranjan, President, TAI, Mumbai Unit, welcomed the members of the audience and in his address said that It was an honour to felicitate Dr. G.V. Aras on receiving a well-deserved Honorary Doctorate in recognition of his extraordinary four-decade-long contribution to the Indian textile industry. From a gold medallist in Textile Engineering to his transformative leadership as Director at A.T.E. Enterprises Pvt. Ltd., Dr. Aras has been a bridge between Indian industry and global technology. A mentor, policy advisor, and passionate advocate for education and ethics, his service extends from boardrooms to classrooms. His dedication is also reflected in his cultural pursuits, especially in Marathi literature. The felicitation ceremony celebrate not only his achievements, but the values and vision he continues to inspire across generations.

In his address at the felicitation ceremony, Dr. G.V. Aras reflected on the destined path that led him to the world of textiles. Though his initial ambition was to pursue Chemical Engineering, destiny guided him toward Textile Engineering at VJTI, Mumbai - a decision that would shape the course of his illustrious career. He spoke warmly about his journey spanning over four decades at A.T.E. Enterprises Pvt. Ltd., where he began as a young Sales Engineer after completing his M.Tech., eventually rising to the position of Director. Dr. Aras attributed his professional growth not just to hard work and perseverance, but to the unwavering support of his colleagues at A.T.E., his professors, and numerous well-wishers from across the textile industry.

Now an accomplished thought leader and mentor, Dr. Aras continues to play a pivotal role in guiding the sector's future. In his capacity as an Independent Director, he currently serves on the boards of six companies, contributing his rich expertise and vision to further strengthen the industry's foundation.

V. C. Gupte, Chairman of the Textile Association (India) – Mumbai Unit, delivered a brief yet heartfelt address, highlighting Dr. G. V. Aras' invaluable contributions as a Trustee of the Association. He commended Dr. Aras for playing a pivotal role in the successful organization of the Association's annual conferences over the years.

As Conference Chairman in recent editions, Dr. Aras not only helped curate impactful themes and select distinguished speakers but also ensured that the events were financially sustainable - a testament to his strategic acumen and dedication to the cause.

Mr. Gupte extended his warm wishes to Dr. Aras on receiving the honorary doctorate and expressed confidence that the Association would continue to benefit from his guidance and unwavering support in the years ahead.

Several distinguished members of the textile fraternity - including M/s. Shahani, Zope, Sanjay Chawla, Bhide, Sur, and others - fondly recalled their enriching interactions with Dr. Aras over the course of his remarkable journey.

Haresh B. Parekh, Hon. Secretary, TAI, Mumbai Unit proposed the Vote of Thanks.

The function was a great success with a packed conference hall. ■

A Seminar on "Textiles & Green Energy – The new Vision" held on 11st June 2025 at Readymade Garment Cluster Hall, Jabalpur from 5 pm onwards

The objective of the Seminar was to know the operation of Ready-made Garment and Fashion Cluster of Jabalpur which is considered to the biggest cluster having more than 450 garment and fashion units. Accordingly we took the support of Kasrawad Art Cluster, Shivalik Jankalyan Samiti and Laghu Udyog Bharti for jointly organizing this event.

Mr Omprakash Mantry , President (2025/26), ITAMMA delivered his welcome speech on virtual platform from Mumbai. Where he said that " As we all know that today, we are in an era which is driven by fast paced technological developments, demanding high level of creativity and innovation. It's a time that demands responsible and sustainable developments rather techno-commercial developments in the textile machines and accessories which can be accepted especially by the very important stage of the User Industry i.e. Garmenting, Retail and Fashion. Today through digitalization and AI one can easily track the details of flow and operations of fibre, yarn, fabric up to Garment, retail and fashion stage. Thus connecting the manufacturers and processors of textiles (fibre, yarn, fabric) and machines/spares/accessories with Garment, retail and Fashion industry for information and requirements of the goods as per Global market."

WELCOME SPEECH BY MR OMPRAKASH MANTRY, PRESIDENT OF ITAMMA

It was followed by presentations from Mr N D Mhatre, Director General (Tech), ITAMMA on "Role of Bharat's Fabric, Branded Garments and Fashion Industry Including Export Potential in Global Textile Market- giving information on Bharat's textile & apparel market size stressing upon the fact that Textile & Apparel manufacturing have shifted to Asian countries over the years. He also mentioned that T&A sector employs 4.5 crores people in Bharat

While the garment sector creates employment for 50 individuals per crore of investment as compared to only 8 individuals by spinning, weaving and processing all together. He also mentioned that T&A sector growth should be garment led as it creates excellent Direct Employment Opportunities, uplifts the downstream Processes, engages with Global Brands thus strengthening Bharat's branding Globally. Mr. Mhatre explained that there is a need to Promote Exports by offering export subsidies, set-up Skill Centers state-wise depending upon the availability of skilled man-power, and develop Plug-and-Play Infrastructure whereby encouraging the installation of state-of-the art machines.

N D MHATRE, DIRECTOR GENERAL (TECH), ITAMMA WELCOMED WITH A BOUQUET

In the other presentations on " Development of Textile Machines & Accessories in accordance to Garment, Fashion & Retail Industry " he explained that Machine Manufacturing is a process driven exercise based on calculations and standardization while Fashion Designing is driven primarily by creativity and the efforts are towards creating something new each time. Thus both these opposites needs to be blended properly to deliver the quality product which can be accepted in the Global market and leading to country's growth. Bharat's garment manufacturing sector still has a large scope in huge domestic consumption, but we are yet to create a Global brand and paying a premium on western brands even after having Engineering talent.

At present most of the machines used in Indian garmenting sector are imported or assembled.

"Textiles & Green Energy – The new Vision" on 11th June 2025
at Readymade Garment Cluster Hall, Jabalpur from 5 pm onwards

Thus an opportunity is there to modify the existing machines be customized to make use of Smart Manufacturing especially using 5G and IOT enabled machines.

N D MHATRE, DIRECTOR GENERAL (TECH), ITAMMA DELIVERING PRESENTATIONS

There were presentations by Ms Seema Mishra, Founder, Kasrawad Art Cluster, Shivalik Jankalyan Samiti, Mr Somesh Gupta, Gen Secretary, Ready Made Cluster and Laghu Udyog Bharathi, Mr Vineet Rajak, CEO, Fashion & Design Garment Association and Mr Rahul and his colleague from Ashra Retail Pvt. Ltd, TATA Rooftop Channel on "Driving Solarisation in Textile Industry" And also thank them for extending sponsorship for this Seminar.

MS SEEMA MISHRA, FOUNDER OF KASRAWAD ART CLUSTER, SHIVALIK JANAKALYAN SAMITI WAS WELCOMED WITH A BOUQUET

MR RAHUL from ASHRA RETAIL PVT. LTD. CHANNEL PARTNER OF TATA ROOFTOP FELICITATED WITH A MEMENTO

Speaker from ASHRA RETAIL PVT. LTD. CHANNEL PARTNER OF TATA ROOFTOP welcomed with a bouquet

It was noticed that all the 400 units were having the problem of getting the quality spares for their machines and further they were exploring some export markets. Accordingly a proposal is discussed with the Authorities of the Cluster in formation of Spare part & Accessories Portable Galary-cum- Clinic inviting ITAMMA Members to display their products in this regard and provide a solution based services to overcome their problems in regard with technical/technological field as well as product development area.

For further information, please contact :
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"A three-generation legacy of innovation in textile weaving accessories"

The Past : A Humble Beginning

In the evolving landscape of the Indian textile industry, few names have etched a legacy of craftsmanship and innovation as distinctly as Paras Healds and Reeds Pvt. Ltd. Spearheaded by Mr. Paras Panchal, the company stands as a testament to the synergy of tradition and technology.

Mr. Paras Panchal – Director, Paras Healds and Reeds Pvt. Ltd.

Established in the late 20th century in Gujarat—a state long celebrated as the cradle of India's textile heritage—Paras Healds and Reeds Pvt. Ltd. began as a modest, family-run operation specializing in high-quality weaving accessories. Initially focusing on healds, reeds, and drop wires, the company catered to local powerloom units and small-scale fabric producers. Paras Healds and Reeds Pvt. Ltd. has grown high speed weaving machine.

Driven by unwavering integrity, superior quality, and personalized service, the company quickly built a loyal client base. It was this solid foundation that allowed it to steadily grow and modernize over the decades.

PARAS HEALDS AND REEDS PVT. LTD. has grown in leaps and bounds since its inception under leadership of Mr. Paras Panchal, a Well-trained business technocrat. We have been a leading exporter and importer of full range of textile weaving accessories and spares suitable for all types of high-speed weaving machines.

The Present: Engineered for Excellence

Today, under the visionary leadership of Paras Panchal, the company has transformed into a leading manufacturer and exporter of textile weaving accessories, supplying to major textile hubs across India and abroad.

The company's product portfolio includes all types and sizes of:

- HEDDLE
- DROPWIRE
- REEDS
- HEDDLE FRAME
- OTHER WEAVING ACCESSORIES

The manufacturing facility integrates CNC machinery, precision inspection tools, and strict quality control systems, ensuring every product meets global benchmarks. Innovation, timely delivery, and customer satisfaction remain the pillars of the company's success.

The Future: Crafting Tomorrow's Weaving Legacy

The story of Paras Healds and Reeds Pvt. Ltd. is not just about products—it's about generations of innovation and a legacy of excellence. It all began in the 1970s, when Mr. Panchal's grandfather pioneered the manufacturing of heddle and reed-making machines in India, launching a revolution in weaving.

Even today, the company continues to build these machines on a smaller scale, proudly preserving this tradition into the third generation. This lineage stands as a rare blend of heritage craftsmanship and modern ambition.

Now, standing at the forefront of the next textile revolution, the company is preparing for a bold future:

- Smart weaving diagnostics powered by AI and machine learning
- Global expansion for presence in every continents
- Advanced automation for scalable precision production
- Eco-conscious product development aligned with environmental standards

At the heart of this vision is Paras Panchal, who says:

"We're not just manufacturing components — we're designing the future of weaving. By aligning tradition with technology, and purpose with progress, we aim to empower every loom to deliver excellence, responsibly."

From the humble workshops of the 1970s to today's precision-driven facilities, Paras Healds and Reeds Pvt. Ltd. continues to be a beacon of legacy, innovation, and leadership— weaving the fabric of tomorrow, one thread at a time.

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■

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TEXFAIR 2026 : platform of stake holders to exhibit their innovations and cost effective products

The Southern India Mills' Association (SIMA) representing the organised textile industry in South India is organising15th edition of SIMA Texfair 2026, an international expo for textile machinery, spares and accessories during March 6-9, 2026 at CODISSIA Trade Fair Complex, Coimbatore, Tamil Nadu.

The objectives of the fair is to provide a platform for the stake holder to zero in their investments and expenses prudently, showcase their inventions and cost effective items and other products, enable the technocrats and shop floor technicians to update their knowledge on the latest technology and create an awareness on cost cutting, to encourage micro, small and medium entrepreneurs also to showcase their products and get exposure to the market.

It is a highly economical Fair with excellent services, organised by the user industry and being conducted at Coimbatore, which is the hub for textile business in India and the fair would be an ideal platform to showcase and market the products.

The Association has formally commenced the stall booking with effect from 16th April 2025and the initial response is overwhelming. SIMA appeals to all the exhibitors to participate in the expo to make the event a grand success and internationally memorable one.

Profile of the Participants for TEXFAIR 2026

- All manufacturers and suppliers of Textile Machinery and Spares of Ginning, Spinning, Weaving, Powerlooms, Handlooms, Processing, Knitting and Garmenting
- Textile testing equipments
- Auxiliary equipments
- Accessories
- Pneumatic equipment and accessories
- Humidification plant and accessories
- Lubricants
- Energy saving equipments
- Electrical and Electronic items
- Textile software companies
- Logistics, Power, Banks, etc.

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CORPORATE NEWS

COLORJET's achievement with purpose, awarded ISO 26000:2010 Certification

ColorJet Group proudly achieved another milestone—the achievement of the prestigious ISO 26000:2010 certification, underscoring its steadfast commitment to socially responsible and sustainable business practices.


Mr. M.S. Dadu
Chairman of ColorJet Group

Following the announcement, the company expressed sincere gratitude to all stakeholders for their unwavering support. The certification generated widespread interest and appreciation, prompting many inquiries about its significance—questions that ColorJet welcomed with pride and openness.

Unlike conventional certifications that focus primarily on immediate commercial benefits, ISO 26000:2010 stands out as a global standard recognizing a company's dedication to ethical governance, community engagement, and sustainability. For ColorJet, this journey was never about financial gains; instead, it was about embedding discipline, adopting a systems-driven approach, and integrating scientifically sound processes into everyday operations.

The leadership at ColorJet emphasized the intangible yet impactful benefits of the certification. These include enhanced operational efficiency, a stronger culture of responsibility within the organization, and increased credibility among customers and stakeholders. Beyond mere compliance, the certification elevates ColorJet's standing, distinguishing it from its peers in the manufacturing sector.

"Not every organization chooses to pursue such a demanding path," said Mr. M.S. Dadu, Chairman of ColorJet Group. "For us, it was a natural extension of our core philosophy—continuous improvement, responsible growth, and excellence in execution."

The certification was awarded after a rigorous evaluation across 99 critical parameters, culminating in a resounding validation of the company's systems, practices, and long-term vision.

As ColorJet celebrates this landmark achievement, it invites its community, partners, and clients to share in the pride of this collective success. This milestone is not just a conclusion but the start of a new chapter—marked by greater responsibility, trust, and positive impact.

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Powering the Future of Print-on-Demand: How T-Shirt & Sons brings about revolutionizing changes in Production with the Kornit Apollo

In today's fast-paced print-on-demand (POD) market, speed, scale, and sustainability are nonnegotiable. For UK-based garment prin>ng leader T-Shirt & Sons, mee>ng these demands meant revolutionizing their approach to fulfillment. Their journey with Kornit's Apollo plaMorm is a clear example of how innovation can unlock new levels of performance and reliability.

A Legacy of Quality Meets the Future of Fulfillment

Founded in 1989, T-Shirt & Sons has built a reputation as one of Europe's most trusted providers of high-quality, eco-friendly direct-to-garment (DTG) printing. But with the continued surge of ecommerce and customized apparel demand, even the most reliable legacy workflows needed a rethink.

"We've always had the people and the will," says Adam Golder, Managing Director at T-Shirt & Sons, in a recent video case study. "But we've never had the tools that enabled us to do it with confidence, day in and day out—until now."

That confidence came with the installation of the Kornit Apollo system.

The Challenge: Scaling Without Sacrificing Quality

At peak times, T-Shirt & Sons was already handling thousands of daily orders, but the processes involved were resource-intensive, and growth brought increasing pressure on quality control and turnaround times.

"We knew automation was essential," says Golder. "But not at the expense of quality or sustainability. That's where Kornit came in."

The Solution: Apollo, Kornit's Smart Production Platform

Kornit Apollo isn't just another production upgrade—it's a redefinition of what's possible in modern fulfillment. This smart, end-to-end DTG plaMorm brings together hardware, so\ware, and data to enable faster, smarter, more sustainable printing at scale. The Apollo solution integrates seamlessly into T-Shirt & Sons' workflow, enabling fully automated production from order intake to shipping label. It's a leap from batch-based to continuous, intelligent production.

"With Apollo, we've brought together hardware, software, and data into one intelligent platform," explains Golder. "This isn't just faster printing—it's smarter printing."

The Impact: Efficiency Without Compromise

Since adopting Apollo, T-Shirt & Sons has transformed its operational model. The company now reliably fulfills up tens of thousands of individual garments daily, a figure that would have been unthinkable under their previous setup.

Highlights of the transformation include:

- 35,000+ orders per day fulfilled without compromising quality
- Near-zero human error through automation and quality control
- Faster turnaround times, improving customer satisfaction
- Sustainable processes with reduced waste and water use

What's more, the intelligent dashboarding and data analysis tools built into the Apollo platform have given T-Shirt & Sons the insights they need to continuously optimize operations.

"It's like going from driving a car to flying a plane—with autopilot," Golder says. "We're still in control, but we're supported by systems that understand what's coming and adjust in real time."

The Bigger Picture: A Blueprint for the Industry

T-Shirt & Sons' partnership with Kornit isn't just about numbers—it's about a mindset shift for the entire POD industry. With the right technology and vision, high-volume, high-quality, and environmentally responsible fulfillment can go hand in hand.

"We've gone from wondering how to meet demand to asking how much more we can do," Golder concludes. "It's a new era for us—and for the industry."

About Kornit Digital

Kornit Digital (NASDAQ: KRNT) is a worldwide market leader in sustainable, on-demand, digital fashion and textile production technologies. The company offers end-to-end solutions including digital printing systems, inks, consumables, software, and fulfillment services through its global fulfillment network. Headquartered in Israel with offices in the USA, Europe, and Asia Pacific, Kornit Digital serves customers in more than 100 countries and states worldwide. To learn more about how Kornit Digital is boldly transforming the world of fashion and textiles, visit www.kornit.com.

About T-Shirt & Sons

Based in Westbury, UK, T-Shirt & Sons is one of Europe's largest direct-to-garment print providers, offering ethical, high-quality custom apparel services for global brands, retailers, and entrepreneurs.

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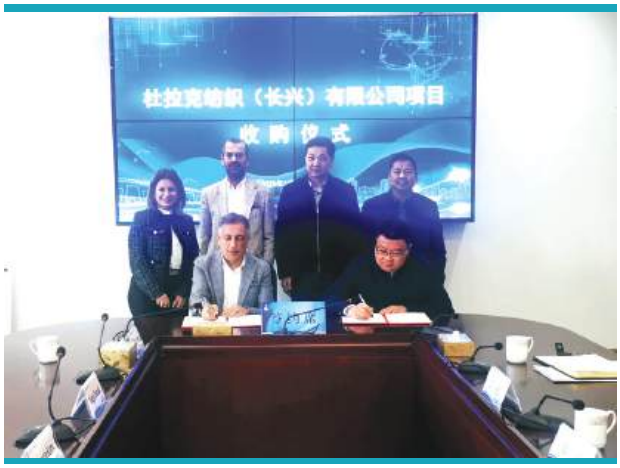
❐

CORPORATE NEWS

Durak Tekstil moved to another strategy in the People's Republic of China and started exporting to China

Durak Tekstil Sanayi ve Ticaret A.Ş., with a history in China since 2007, has both managed the supply of raw materials to Türkiye and sold its products made in the Durak China factory to global brand manufacturers in China and all Far East countries with its experienced and strong team created here.

As a result of two years of system change efforts, it managed to change its Chinese structure to Supply - New Business Development - Direct sales from Türkiye to China. Thus, as of the beginning of 2025, Durak Tekstil shifted its production for Chinese and Far Eastern companies in its Chinese factory to Türkiye, and by convincing these companies to buy from Türkiye, it proved the power of the DURAK brand once again. In this way, Durak Tekstil Sanayi ve Ticaret A.Ş. turned its market power in China, the market and network gain it has achieved for 17 years, into a great advantage.



What benefits will the new structuring bring to Durak Tekstil and our country?

- Durak Tekstil started to export to Durak China centre from Türkiye regularly every month without disrupting the order & shipment traffic that they are accustomed to, for around 500 Chinese and Far Eastern manufacturing customers. Customer satisfaction was also ensured with the stock supplies that have been carried out smoothly for six months.
- By consolidating its total production in Türkiye, Durak Group also gained a significant cost advantage.
- Durak Tekstil Company in China has been transformed into a trading company and, using the trust and power it has gained in China, has entered into a new business model that will benefit all its stakeholders by entering into purchase and sale trade between China, Türkiye and other countries in products other than those in its field of activity, as of the beginning of 2025.
- By selling its real estate in China, it moved its production to Türkiye. With the support of the Ministry of Trade of the Republic of Türkiye, it brought the machinery to Türkiye and increased its capacity by 30%% in TürkTürkiye. Thus, including the value of the machinery, the company made a total direct investment of around 20 million USD in Türkiye. In addition to its existing factory in Vakıfköy, Bursa, Durak Tekstil will use the income from the sale to invest in a new factory on its land in the TOSAB industrial zone.

About Us

Founded in 1972 in Bursa, Durak Tekstil develops and produces sewing and embroidery threads and sells them domestically and internationally. Durak Tekstil has a production facility in Türkiye, as well as several sales offices and representatives abroad. The company, which cooperates with global brands from Türkiye and abroad, responds to the textile industry's growing demand for quality and qualified products.

The products developed and produced by Durak Tekstil are preferred in garment / apparel, embroidery, denim, outdoor, automotive, bedding / quilting and similar application areas. For more information;https://www.durak.com/

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Circulose ties up with Mango to build circularity at scale

Circulose has partnered with Mango as the first Scaling Partners since the restart, a major step toward accelerating the adoption of circular materials in the global fashion industry.

The partnership marks a milestone in Mango's commitment to sustainable fashion, aligning with its long-term strategy to transition towards a circular model and to reduce its environmental impact. This collaboration reflects the brand's commitment to shifting a meaningful share of their MMCF use to fibers made with CIRCULOSE®.

CIRCULOSE® is a regenerated material made from 100% discarded textiles that enables fashion brands to reduce their reliance on virgin fibers while maintaining high standards of quality and design.

"We're proud to partner with the forward-thinking brand Mango and support their high ambitions in circularity. Their strong commitment brings us one step closer to restarting the factory and sets a powerful example for the industry. We hope it will inspire other brands to follow their lead." says Jonatan Janmark, CEO of Circulose.

"We're proud to be the first brand to partner in Circulose's new phase and look forward to working closely together to advance our shared circularity goal". says Andrés Fernández, Sustainability and Sourcing Director at Mango. "This collaboration marks a significant step on our sustainability roadmap as we strive to exclusively use fibres with lower environmental impact by 2030 and reflects our commitment to fostering a more circular and responsible fashion ecosystem, where innovation and environmental stewardship go hand in hand."

This partnership builds on Circulose's strengthened commercial strategy, which focuses on forging closer brand partnerships, introducing an innovative pricing model, and offering expanded support services.

The new pricing model, developed in collaboration with Fashion for Good and Canopy as part of a joint initiative to accelerate the shift to next-gen materials, requires brands to license CIRCULOSE® to access the fiber. It is specifically designed to reduce pricing friction and drive adoption at scale, shifting from limited capsule collections to large-scale adoption of next-gen materials.

The license also includes services that support large-scale implementation, such as transition planning, supply chain orchestration, and traceability.

Circular fashion at scale is within reach. To learn more about licensing CIRCULOSE®, get in touch.

About Mango

Mango, one of the leading international fashion groups, is a global company with design and creativity at the heart of its business model and a strategy based on constant innovation, the pursuit of sustainability and a complete ecosystem of channels and partners. Founded in Barcelona in 1984, the company closed 2024 with a turnover of over 3.3 billion euros, with a third of its business coming from the online channel and a presence in more than 120 markets. More information at mangofashiongroup.com.

About Circulose

Circulose is a Swedish sustain-tech company that developed a patented process, which enables the recycling of cellulosic textile waste, transforming it into a new material called CIRCULOSE®. Fast Company named Circulose (formerly Renewcell) one of the World's Most Innovative Companies in 2021 and was a winner of the 2023 World Changing Ideas Awards. CIRCULOSE® was also included on TIME Magazine's list of the 100 Best Inventions 2020. Founded by innovators from Stockholm's KTH Royal Institute of Technology in 2012, the award-winning company's vision is to make fashion circular.

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Former Nykaa Retail Head Shailendra Singh Joins D'Moksha as Co-Founder & COO as Brand Prepares for India Debut when D'Moksha on transformative moment

Shailendra Singh, former Business Head – Physical Retail at Nykaa joins US-based luxury home décor brand D'Moksha as Co-Founder and Chief Operating Officer (COO). His joining marks a key milestone in D'Moksha's journey as it prepares for a bold rollout in India

Since its inception in 2020, D'Moksha has garnered a devoted following across the U.S. with its exquisite, ethically crafted home textiles, including premium curtains and table linens. By leveraging a vertically integrated supply chain and efficient logistics from India, the brand delivers fast fulfillment and unparalleled boutique-like quality, redefining the home textile experience.

CORPORATE NEWS

"Shailendra's arrival comes at a transformative moment for D'Moksha," said Manav Dhanda, Co-founder & CEO. "His leadership across digital and physical retail, combined with deep operational acumen, makes him a powerful addition to our founding team. Together, we're poised to scale our U.S. success and make a meaningful impact in India. There's something big coming—stay tuned."

An alumnus of IIM Lucknow, Shailendra Singh brings over 20 years of experience in consumer goods, retail, and e-commerce. He held senior roles at Hindustan Unilever Limited, where he led sales, brand strategy, e-commerce, and digital transformation across key categories. He later joined Nykaa as Business Head – Physical Retail, playing a pivotal role in expanding its offline presence and omnichannel offering.

"D'Moksha's strong foundation and mission-driven approach instantly stood out to me," said Shailendra Singh, Co-founder & COO. "It's rare to find a brand that combines sustainability, style, and speed so seamlessly. With a proven model in the U.S., we're now poised to reimagine how Indians shop for home décor—and I'm thrilled to help lead that journey."

The company has been piloting a differentiated "curtains-at-home" experience in India, blending expert design consultations, real-size fabric trials, and digital visualization. The team teases a nationwide rollout in the coming months that will redefine convenience and personalization in the category.

About D'Moksha:

D'Moksha is a premium, sustainable home décor brand founded by Manav and Nimisha Dhanda. With a vertically integrated setup in India and a fast-growing presence in the U.S., the brand offers fully stitched curtains and table linens made from eco-conscious fabrics. D'Moksha blends traditional craftsmanship with modern technology to deliver luxurious home textiles—faster, better, and more responsibly.

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Bluesign System Impact Report, 2024

Reveals Consistent System-Wide Improvement in CO_2, Water, and Energy KPIs Across Their Manufacturing Partners in the Fashion and Textile Supply Chain

bluesign, the globally recognized system for sustainable textile production, has published its bluesign System Impact Report 2024, providing a comprehensive, data-backed view of how its global network of 900+ system partners, ranging from chemical suppliers to textile makers, manufacturers and brands, are driving measurable progress toward more sustainable and responsible textile production. The report highlights the consolidated impact of the bluesign System, underscoring how a unified, continuous improvement-based approach can effectively reduce environmental and chemical risks at scale.

As an independent third-party verifier and sustainability efforts partner, bluesign equips companies across the textile value chain to eliminate hazardous chemicals, reduce emissions, and strengthen operational resilience. Its science-based standards and digital tools help partners comply with evolving global regulations while achieving meaningful environmental gains.

System-Wide Impact Improvements (2024)

bluesign is proud to announce that for the fifth consecutive year, bluesign System Partner manufacturers have reduced the intensity of their environmental footprint across the KPIs of CO2 emissions, energy consumption, and freshwater use, with an increased usage of renewable energy and bluesign® APPROVED chemicals.

Driving Measurable Improvement Through On-Site Assessments

In 2024, bluesign conducted over 150 on-site assessments at manufacturing facilities. Each assessment delivers a detailed impact report with site-specific environmental performance evaluation, benchmarking, and a sustainability roadmap. System partners are required to demonstrate continuous improvement to maintain certification, ensuring accountability and progress year over year.

Empowering Brands with Primary Supply Chain Data

bluesign works closely with brand partners to improve traceability, strengthen due diligence, and support regulatory compliance. Through annual Supply Chain Impact Reports, brands gain visibility into the environmental footprint of their bluesign-certified supply base—covering emissions, energy, water, chemical use, and waste. Becoming a bluesign System Partner entails for brands to undergo a sustainability assessment, which is documented in a gap analysis, from which a strategic improvement plan is derived. In 2024, 50% of reassessed brands improved their sustainability performance, highlighting the effectiveness of the bluesign approach.

"This report is not just about bluesign – it's about what's possible when the industry aligns," said Daniel Rüfenacht, CEO of bluesign. "With more than 900 system partners, we've built a framework that empowers brands, manufacturers, and chemical suppliers to deliver real results. In 2024 alone, our partners achieved intensity reductions in CO2 emissions, energy consumption, and water use by, 17%, 14%, and 8% respectively. These are not projections or pledges…they are robust outcomes, based on primary data. This report proves that when the right standards, tools, and shared accountability are in place, sustainability in fashion is not only scalable, it can be done without compromising safety, style, performance, or integrity."

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Circulose unveils CIRCULOSE® Forward to Accelerate Adoption in Fashion Supply Chains

As part of its mission to evolve from a pulp producer to a full solution provider, Circulose is taking a bold step toward scaling circular solutions in the fashion industry with the launch of CIRCULOSE® Forward - a platform of practical tools that help brands seamlessly integrate CIRCULOSE® into their supply chains and products.

Launching into the public sphere with the solutions-driven non-profit Canopy, the CIRCULOSE® Forward platform includes the CIRCULOSE® Material Library, featuring CIRCULOSE® Forward Priced Materials, the CIRCULOSE® Forward Price Calculator and the updated CIRCULOSE® Supplier Network.

"Scaling up next-gen materials is not straightforward. To enable adoption at scale and at pace, we need to make integration into brands' supply chains seamless. CIRCULOSE® Forward is a key initiative to make that happen," says Jonatan Janmark, CEO of Circulose.

"We're proud to support partner with Circulose's on the launch of CIRCULOSE® Forward," said Nicole Rycroft, Founder and Executive Director of Canopy. "This platform provides practical, scalable solutions that align with both climate science and market needs. It's the kind of innovation that helps the industry leave deforestation in the past and move decisively toward a resilient, low-carbon, Next - Gen future."

The CIRCULOSE® Forward Material Library

As the first rollout within this initiative, Circulose is unveiling the CIRCULOSE® Material Library, a digital showcase of commercially available materials made with CIRCULOSE®. It includes a curated selection of fabrics and yarns that highlight the beauty, performance, and versatility of CIRCULOSE®.

The CIRCULOSE® Forward Priced Materials

A selection of these materials qualify as CIRCULOSE® Forward Priced Materials, meaning they follow our CIRCULOSE® Forward Price Logic – a logic grounded in the principle that there should be no unwarranted price amplification through the value chain steps.

The CIRCULOSE® Forward Price Calculator

The CIRCULOSE® Forward Price Calculator is a tool that leverages this logic and helps brands estimate the expected cost impact at material or garment level of adopting CIRCULOSE®.

The CIRCULOSE® Supplier Network

The CIRCULOSE® Supplier Network (CSN) is a group of supply-chain partners that are experienced in producing materials made with CIRCULOSE® and are committed to support a smooth and efficient shift from virgin fibers to CIRCULOSE®.

The CIRCULOSE® Forward platform is still under development, but a preview is available now on the Circulose website.

"This is just the beginning," said Jonatan Janmark, CEO of Circulose. "CIRCULOSE®

CORPORATE NEWS

Forward will continue to grow, giving our partners access to a robust portfolio of tools that make circularity not a distant vision – but a reality today."

About Circulose

Circulose is a Swedish sustain-tech company that developed a patented process that enables the recycling of cellulosic textile waste, transforming it into a new material called CIRCULOSE®. Fast Company named Circulose (formerly Renewcell) one of the World's Most Innovative Companies in 2021 and was a winner of the 2023 World Changing Ideas Awards. CIRCULOSE® was also included on TIME Magazine's list of the 100 Best Inventions 2020. Founded by innovators from Stockholm's KTH Royal Institute of Technology in 2012, the award-winning company's vision is to make fashion circular.

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H&M Group ties up with Circulose as Scaling Partner to Make Circularity at Scale a Reality

Circulose has entered a multi-year partnership with H&M Group - marking another pivotal step in scaling circular materials within the fashion industry.

Since 2020, H&M group have been frontrunners in incorporating CIRCULOSE® into their collections. Now they are deepening their commitment by becoming one of the first official Scaling Partners for Circulose. Through the multi-year agreement, H&M is targeting to transition a substantial share of their man-made cellulosic fiber (MMCF) to fiber made with CIRCULOSE®.

Made entirely from discarded textiles, CIRCULOSE® is a next-generation material that helps brands move towards a circular fashion system with reduced reliance on virgin fibers, while maintaining quality and performance.

"H&M Group has been a driving force in advancing sustainable and circular solutions in fashion, and a long-time supporter and early adopter of CIRCULOSE® - dating back to the Renewcell days. We're proud and grateful to now formalize this new partnership to accelerate CIRCULOSE® adoption at scale. Their commitment plays a critical role in helping us reaching the volumes needed to restart our factory," says Jonatan Janmark, CEO of Circulose.

"We were pioneers back in 2020 when we first brought fashion made from CIRCULOSE® to our customers. Today, we're excited to deepen this partnership. Investing in next-generation materials is essential to achieving our goal: ensuring that 100% of our materials are recycled or sustainably sourced by 2030. Scaling access to these solutions is key to accelerating the shift towards a circular economy for fashion," says Cecilia Strömblad Brännsten, H&M Group's Head of Resource Use & Circularity.

This partnership reflects Circulose's renewed commercial strategy - focused on close brand collaboration, dedicated implementation support, and a new licensing-based pricing model developed in collaboration with Fashion for Good and Canopy to reduce friction in scaling up next-generation materials.

About H&M Group

H&M is one of Europe's leading fashion companies, known for making fashion accessible while driving innovation in sustainability. With a strong focus on circular business models, responsible sourcing, and industry collaboration, the H&M Group continues to push boundaries in its journey toward a more circular and climate-positive future.

About Circulose

Circulose is a Swedish sustain-tech company that developed a patented process that enables the recycling of cellulosic textile waste, transforming it into a new material called CIRCULOSE®. Fast Company named Circulose (formerly Renewcell) one of the World's Most Innovative Companies in 2021 and was a winner of the 2023 World Changing Ideas Awards. CIRCULOSE® was also included on TIME Magazine's list of the 100 Best Inventions 2020. Founded by innovators from Stockholm's KTH Royal Institute of Technology in 2012, the award-winning company's vision is to make fashion circular.

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ITMA ASIA + CITME Singapore 2025

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Get ready to plan your visit. The exhibitor list is now live on ITMA ASIA + CITME, Singapore 2025 mobile app. See who is exhibiting, what they are offering, and where to find them. Whether you're sourcing specific solutions, exploring the latest trends, or arranging onsite meetings, the list will help you make the most of your time in the exhibition.

Download the mobile app and start exploring the exhibitor list today!

No Replacement for Nimble Fingers

As manufacturers increasingly adopt Industry 4.0 principles, it will be very evident at ITMA Asia + CITME in Singapore this October that automation is impacting almost every aspect of today's textile manufacturing sector – from fibre production to fabric formation. What can't be automated so successfully, however, is the dexterity of skilled human fingers to accurately manipulate materials through sewing machines.

Ahead of ITMA ASIA + CITME, Singapore 2025, this article offers an insightful look at how smart manufacturing solutions are shaping the future of textiles, and why nimble fingers remain essential to the final stitch.

Source Smarter at this One-stop Platform

Maximise sourcing efficiency by exploring a wide array of textile and garment technologies in one location. With exhibits organised by product sector, the exhibition is easy for visitors to navigate.

Don't miss this unparalleled opportunity to streamline your sourcing. Plan your participation now and take advantage of our early bird special rate!

Book Your Accommodation

Enjoy special rates and shuttle bus service from a selected list of hotels to Singapore Expo if you book with our official travel agent, Burnaby Solutions.

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Garment Tech Istanbul

25-28 June 2025

Technologies that Shape the Garment Industry Meet at Garment Tech Istanbul Exhibition

Garment Tech Istanbul Exhibition, where strategies that has shaped the future of the sector has been determined, new technologies have been introduced and international collaborations got established. It has been established a lifeline for the textile and ready-to-wear sector with both the number of visitors and the business volume it has created.

The ready-to-wear and garment sector, which has a significant share in Turkiye's exports, have come together at the Garment Tech Istanbul Garment, Embroidery Machines Spare Parts and Sub-Industry Exhibition held at the Istanbul Expo Center (IFM) between June 25-28.The latest technologies used in all stages of the production processes, from sewing to embroidery, from cutting to ironing systems, from packaging to denim, will be exhibited at the Garment Tech Istanbul Exhibition.

Companies gotten the Opportunity to Modernize Their Production Processes

The exhibition, which will host professional visitors and global buyers in Istanbul for 4 days, will announce Turkiye's leadership in garment and ready-to-wear to the whole world and will be the center of innovation.Garment Tech Istanbul Exhibition, where innovative technologies such as artificial intelligence-supported production systems, automatic sewing, embroidery, cutting and spreading machines, automation systems, ironing and pressing solutions and packaging systems will be exhibited, will shed light on the garment technologies of the future.The exhibition will provide companies operating in the garment and ready-to-wear sector with the opportunity to modernize their production processes and gain competitive advantage.

It has become a Turning Point for the Garment and Ready-to-Wear Industry to Rise Again

Turkiye's textile and ready-to-wear sector has been experiencing a serious recession due to economic difficulties, especially in the last two years. The Garment Tech Istanbul Exhibition has become a turning point for the sector to rise again during this difficult period.The world's and Turkiye's leading ready-to-wear technology

manufacturers got the opportunity to come together with global buyers, establish new business connections and bring dynamism to the sector. The companies participating in the exhibition, which got equipped with innovative machinery and production systems, got the chance to increase their export volumes and gain a stronger position in global markets.

Bringing Professional Visitors and Global Buyers Together

Garment Tech Istanbul Exhibition hosted professional visitors, investors and global buyers not only from Turkiye but also from all over the world. Industry professionals coming from Europe, Asia, the Middle East and the Balkans witnessed the latest technologies up close and have the opportunity to establish international business connections. Especially for companies aiming to make machinery investments and expanded their facilities, the exhibition has provided a perfect platform to choose the right equipment and communicate directly with suppliers. Investors have made new machinery purchases to strengthen their production processes and increase their efficiency.

It has Moved Istanbul to the Center of Garment and Ready-to-Wear Trade

Garment Tech Istanbul Exhibition also stands out with its geographical advantage. Istanbul, which connects the continents of Europe and Asia, makes the exhibition accessible to global visitors thanks to its strategic location. The city's modern transportation infrastructure, worldwide air connections and visa exemption agreements with many countries greatly facilitate international participation.

Professional visitors from all over the world continue to apply for online invitations to discover the latest technologies in the sector and establish collaborations. The exhibition, which was set to break records with thousands of professional visitors, once again positioned Istanbul as the center of the global garment and ready-to-wear trade. This strong interaction provided a better understanding of the needs of the sector in different geographies and paved the way for more targeted collaborations.

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ITMA ASIA + CITME, Singapore 2025 makes public exhibitor list

Exhibition mobile app now available for download on app stores

ITMA ASIA + CITME, Singapore 2025 has released the eagerly awaited exhibitor list on a new mobile app available for users of both Android and IOS devices.

Although the sales application period has closed, new space applications have continued to stream in, signaling strong confidence from exhibitors in the leading textile machinery showcase.

The four-day exhibition at Singapore Expo has attracted over 770 exhibitors from 31 countries and regions. Spanning 70,000 square metres of gross exhibition space, it features 19 product sectors that represents the entire textile manufacturing value chain.

To enhance the visitor experience, ITMA ASIA + CITME, Singapore 2025's new companion mobile app enables visitors to curate their own itinerary with a bookmark feature. A built-in wayfinder system lets visitors plan the shortest routes for booth visits with minimal fuss. This is also a handy feature for exhibitors to quickly locate potential partners for networking opportunities.

Currently, the exhibitor listing is only available on the mobile app and an online version will be released on the ITMA ASIA + CITME, Singapore 2025 website in end June.

ITMA ASIA + CITME, Singapore 2025 is owned by CEMATEX (the European Committee of Textile Machinery Manufacturers) and its Chinese partners comprising China Textile Machinery Association (CTMA) and the Sub-Council of Textile Industry, CCPIT (CCPIT TEX).

The exhibition is organised by ITMA Services Pte Ltd and co-organised by Beijing Textile Machinery International Exhibition Co., Ltd (BJITME). Japan Textile Machinery Association (JTMA) is a special partner.

Visitors hoping to enjoy the online early bird rates for badge purchases can still do so before 28 September on www.itmaasiasingapore.com.

About ITMA ASIA and ITMA

CEMATEX launched its ITMA ASIA exhibition in 2001. It was followed by a second show in 2005 that was supported by the Japan Textile Machinery Association. Both exhibitions were held

in Singapore. ITMA ASIA combined with CITME in Shanghai in 2008.

CEMATEX is the owner of ITMA, the world's largest textile and garment technology exhibition. ITMA, the Olympics of textile machinery exhibitions, is held every 4 years in various European locations since 1951. Its next exhibition will be held in Hanover in 2027.

About CITME

CITME, the China International Textile Machinery Exhibition, was launched in 1988. It is owned by China Textile Machinery Association (CTMA), Sub-Council of Textile Industry, CCPIT (CCPIT TEX) and the China International Exhibition Center Group Limited (CIEC). Held in Beijing every 2 years, it was staged for 10 editions until 2006.

About ITMA ASIA + CITME

Since 2008, ITMA ASIA + CITME has been held in Shanghai every two years. The next combined exhibition will be held in 2026 at the National Exhibition and Convention Centre (Shanghai, China).

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Space application for ITMA ASIA + CITME 2026 opens

Space application for ITMA ASIA + CITME 2026 officially opens today. The exhibition is scheduled to take place from 20 to 24 November 2026 at the National Exhibition and Convention Centre (Shanghai). Interested exhibitors are encouraged to submit their applications via the official website, www.itmaasia.com, before the closing date of 24 March 2026.

As Asia's leading business platform for textile machinery, the 10th combined edition of ITMA ASIA + CITME will continue to drive progress and facilitate collaborations across the industry. Leading textile machinery manufacturers are expected to showcase their latest technologies, with exhibits spanning the entire textile manufacturing value chain.

A strong emphasis will be placed on advanced technologies, sustainable processes and automation, offering participants a dynamic platform to explore the latest trends in sustainability and digital transformation.

The previous exhibition in 2024 was a success, grossing 160,000 square metres and featuring more than 1,700 exhibitors from 22 countries and regions. Numerous local and international brands staged product launches that were well received by visitors.

The exhibition attracted visitorship of around 90,000 from 111 countries and regions over five days. It also received strong domestic support, drawing visitors from all 31 provinces, cities, and autonomous regions across China.

According to the show owners - CEMATEX, the Sub-Council of Textile Industry, CCPIT (CCPIT TEX), China Textile Machinery Association (CTMA) and China International Exhibition Centre Group Corporation (CIEC) – many exhibitors have already expressed strong expectations for the 2026 event.

ITMA ASIA + CITME is organised by Beijing Textile Machinery International Exhibition Co., Ltd and co-organised by ITMA Services. Japan Textile Machinery Association is a special partner of the show.

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HanoiTex 2025

Vietnam Hanoi Textile & Garment Industry Expo 2025

16-18 December, 2025, ICE, Hanoi, Vietnam

Vietnam, world no. 3 garment exporters, its' textile industry is experiencing phenomenal growth, with a projected annual growth rate of 10% over the next decade. HanoiTex 2025 will provide a prime opportunity to tap into Southeast Asia's fastest-growing textile hub for all textile and garment machines, parts suppliers from around the world.

TEXTILE EVENTS

Why Hanoi ? A New Production Base in Vietnam

- **Cost Efficiency:** With lower labor, production and land costs compared to Ho Chi Minh City, Northern Vietnam presents a lucrative opportunity for businesses.
- **Infrastructure Development:** The Vietnamese government is heavily investing in infrastructure in Northern Vietnam, making it an attractive area for production facilities.
- **Strategic Location:** Compare to Hochiminh City, Hanoi offers cheaper land transport for supplies from China, thanks to its proximity, ensuring a seamless supply chain.
- **Growing Industry Presence:** A significant number of local and international textile and garment factories are already setting up operations in Northern Vietnam, capitalizing on the region's advantages.

Sign up now to secure your booth in HanoiTex 2025!

For more details and registration, please visit www.vhanoitex.com or contact Mr Jason Chow in Hong Kong (Tel: +852 25117427, Fax: +852 25119692, Email: jason@cpexth.com, cpexh@yahoo.com Wechat: cpexhibition) or our representative in your region.

Other events in Vietnam:

Saigon Tex 2026 (36th year) - Vietnam Saigon Textile & Garment Industry Expo

8-11 April, 2026, SECC, Hochiminh City, Vietnam

For further information, please contact:
jason@cpexh.com ❐

3rd Edition Global Textile Trade Fair

The Textile & Garment Show

The upcoming 3rd edition of the Global Textile Trade Fair USA, will be held from 18-19-20 July 2025 in Atlanta (GA) USA & 27-28 July 2025 in Louisville (KY) USA. As an esteemed organization in the textile industry, we believe your participation could greatly enrich the event, and we would be honored to have your company as an exhibitor.

The Global Textile Trade Fair USA has established itself as a premier platform for textile professionals, manufacturers, designers, and innovators from around the USA to showcase their products, exchange ideas, and create valuable business connections. The event has grown in scale and influence, with each edition and the upcoming edition promises to be even more exciting and dynamic. GTTF is a platform for Indian manufacturers and exporters to start or increase their dream export business in the USA. Year on year, edition by edition GTTF is gaining popularity amongst USA importers and buyers. Take advantage of this golden opportunity to make your mark in the USA market.

Exhibitor Categories:

Garment Manufactures	Fabric Manufacturers
Home Textile Manufacturers	Wholesalers
Exporters	Fashion Accessories
Handloom	Handicrafts
Artisans & Craftsmen	Researchers & Innovators
Technical Textile Manufacturers	Others related to the textile industry

Event Highlights:

- A diverse and international audience of industry experts, buyers, and decision-makers.
- Network with 3000+ attendees from the Indian and Gujarati Diaspora in the USA.
- A showcase of the latest advancements in textiles, manufacturing technologies, and sustainable practices
- Networking opportunities with potential partners, clients, and collaborators.
  Inspiring keynote speeches and panel discussions by thought leaders and trendsetters
- Workshops and seminars designed to provide insights into market trends and industry best practices.
- One-to-one consultation with local consultants on how to start an open office and do business in the USA.

Why Exhibit With GTTF:

- Proven track record of successful two editions.
- Many exhibitors from the first two editions have opened their offices in the USA.
- Access to a targeted and engaged audience actively seeking new products and solutions.
- Buyers from Indian as well as American communities.
- Major Indian communities and associations visit the show.
- Many exhibitors started their offices in the USA after getting business opportunities in GTTF.
- Opportunity to strengthen brand visibility on a global stage.

- Platform to launch new products, technologies, and innovations.
- Networking with industry peers, potential buyers, and investors.
- Participation in shaping the future of the textile industry through discussions and knowledge sharing.

Exhibition	Global Textile Trade Fair 2025
Edition	3rd Edition
Location 1	Atlanta, GA, USA 18-19-20 July 2025
Venue	Maison 6405, Sugarloaf Pkwy, Duluth, GA, 30097, USA
Location 2	Louisville, KY, USA 27-28 July 2025
Venue	Triple Crown Pavilion, Jaffersontown, Louisville, KY, USA
Concurrent Shows	Global Gems & Jewellery Show & Global Real State Show
Expected Visitors	3000+
Supported By Indian Organisations	Wool & Woollens Export Promotion Council, Ministry of Textiles, Government of India Tiruppur Exporters' Association
Supported By USA Organisations	Georgia Indo-American chambers of Commerce Asian American Hotel Owners Association Gwinnett Chamber Strategic Alliance for Affiliated Store Owners of America Carol Pike, Mayor, Jaffersontwon, Ky Governor Brian P. Kemp, Office of Governor

For further information, please contact:
Textile Daddy B2B Platform (India)
Contact No. :(+91) 8669707172 | (+91) 9850982098
https://linktr.ee/textiledaddy ❐

Pamex 2026

International Exhibition on Printing and Allied Machinery Industries

27-30 January 2026
Bombay Exhibition Centre, Mumbai, India

PAMEX 2026 Crosses 15,000 sqm in Bookings with Over 300 Companies Onboard—Poised to Be the Largest Edition Yet

PAMEX 2026, India's most valuable printing and packaging exhibition, has reached a landmark achievement by surpassing 15,000 square meters of booked exhibition space and confi rming participation from over 300 companies, with more than a year still to go. Organised by the All India Federation of Master Printers (AIFMP) in association with Print-Packaging.com Private Limited,, the event is scheduled to take place from 27–30 January 2026 at the Bombay Exhibition Centre, Mumbai.

This milestone refl ects an overwhelming response from across the printing and packaging industry, affi rming PAMEX's position as one of the most signifi cant and business-driven platforms in the global exhibition landscape.

"PAMEX has evolved into a powerhouse platform that truly refl ects the aspirations and capabilities of India's printing sector," said Mr. Satish Malhotra, President – AIFMP. "This overwhelming response not only validates our efforts but also highlights India's potential to lead the global print narrative in the years to come."

Adding to its momentum, PAMEX Expo was recently honoured at the prestigious Exhibition Excellence Awards 2025, receiving recognition in the "Star in Industry Promotion" category. This accolade celebrates PAMEX's continued dedication to elevating the Indian printing industry by creating a platform that promotes innovation, collaboration, and sector-wide growth.

PAMEX 2026 will showcase the latest in printing machinery, labels, fl exible packaging, paper converting, corrugated packaging, textile printing, signage and allied industries. With a broader layout and a strategically curated exhibitor mix, the event is set to provide visitors with an enriched, future-ready experience. One major exhibition hall has already been marked as 'sold out'. India's printing industry is increasingly embracing sustainability as a core driver of growth, with a strong focus on eco-friendly practices, green technologies, and responsible production. PAMEX 2026 is poised to be a catalyst in this shift—bringing together innovations and solutions that support the industry's transition towards a more sustainable and environmentally conscious future.

For further information, please contact:
rishabh@print-packaging.com ■

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Up to 2% raw material savings with WASTECONTROL and new generation PMS-2 Precision Mote Knife System for the licker-in.

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sima Texfair 2026

15th Expo

Largest Expo for Textile Machinery Accessories & Spares

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MAR 2026

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Website QR Code

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Trützschler Group

TRUECYCLED yarn is pushing up sustainability in Lotus cars

Thanks to Trützschler's advanced TRUECYCLED process, high-quality recycling yarn has now entered Lotus electric cars. Together with the German company Brain of Materials, Trützschler played a crucial role in ensuring that the so-called WYRON truecycled® yarn meets the strict requirements of the automotive sector. Featured in the Lotus Eletre and Emeya models, this innovative material proves that sustainability and top performance can go hand in hand.

The WYRON truecycled® yarn is used for the back parts of the Lotus' Eletre and Emeya car seats.

Brain of Materials, located in Mönchengladbach, Germany, produces the WYRON truecycled® yarn for Lotus, using state-of-the-art Trützschler technology. The open-end yarn consists of 50% post-consumer textile waste and 50% recycled polyester, Nm 15. It is used for the back sections of car seats, providing a sustainable solution without compromising the standards expected by Lotus, a prestigious car brand known for its high-performance sports cars and electric vehicles. According to Lotus, the yarn's premium haptics, lightweight properties, and sustainability attributes perfectly suit the spirit of its Emeya and Eletre models. Adding to its sustainability credentials, the production process – from collecting post-consumer waste to spinning the yarn – takes place entirely in Western Europe.

"At Lotus, we take a holistic design approach, with a commitment to true innovation and sustainability, whilst maintaining a luxury look and feel. WYRON truecycled® yarn demonstrates that dedication, and we're thrilled to be the first automotive brand to bring the material to life in our cars" said Marie-Camille Lecoq, Head of CMF Sustainability at Lotus.

The yarn's premium haptics, lightweight properties, and sustainability attributes perfectly suit the spirit of Lotus' Emeya and Eletre models.

The heart of this success: Trützschler's recycling expertise

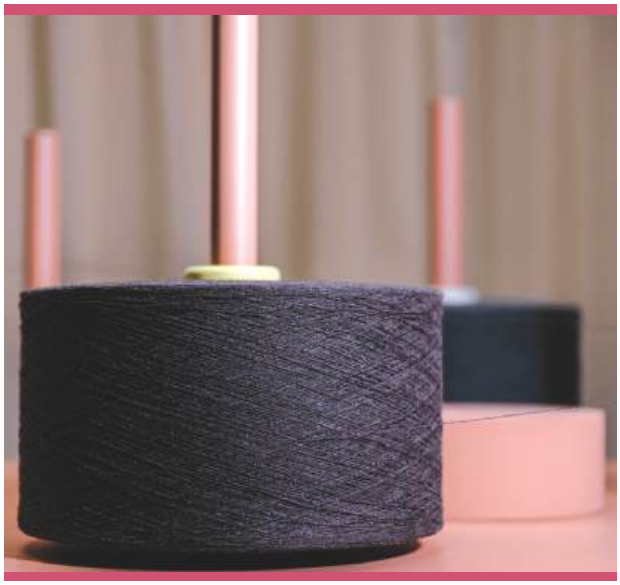
Achieving such a breakthrough requires cutting-edge recycling technology and deep expertise.

The Lotus' Eletre and Emeya models can be equipped with the WYRON truecycled® yarn.

"At Trützschler, we are proud to contribute our decades of know-how in textile recycling and innovative machinery solutions to this pioneering project," says Christian Franke, Head of the Project Department at Trützschler. "By working closely with Brain of Materials for many years, we've ensured that the WYRON truecycled®

yarn meets the demanding standards of the automotive industry, while offering high quality and durability."

This is made possible by the comprehensive TRUECYCLED process, which provides a system solution for textile recycling. Covering every step from cutting and tearing textile waste to carding and drawing secondary fibers, TRUECYCLED enables the efficient production of sustainable, reliable yarns that serve as a premium alternative to conventional materials.



The WYRON truecycled® yarn consists of 50% post-consumer textile waste and 50% recycled polyester.

Driving sustainability forward

The integration of WYRON truecycled® yarn into Lotus vehicles marks a milestone in both the textile and automotive sectors. It proves that (textile) recycling can produce high-quality materials suited for the most demanding applications – showcasing its potential to shape the future of mobility and beyond.

About the Trützschler Group:

The Trützschler Group SE is a German textile machinery manufacturer headquartered in Mönchengladbach, Germany. The company is divided into three business units: Spinning, Nonwovens and Card Clothing. Trützschler Spinning is the global technology and market leader in spinning preparation in the cotton and man-made fiber sector. With TRUECYCLED, Trützschler Spinning offers a complete solution for state-of-the-art recycling of textile waste – from cutting and tearing textile waste through to carding and drawing secondary fibers, resulting in high-quality, sustainable yarns. Trützschler Card Clothing is the global market leader in the production of high-performance card clothing for cards and roller cards. Trützschler Nonwovens is a leading supplier of complete production lines and machinery for needle-punched, hydroentangled (spunlaced), through-air and chemical bonded nonwovens. Trützschler machines, installations and accessories are produced and developed in nine locations worldwide. This includes four factories in Germany (Dülmen, Egelsbach, Mönchengladbach, Neubulach), as well as sites in China (Jiaxing and Shanghai), India (Sanand), the USA (Charlotte) and Brazil (Curitiba). Local service companies in Türkiye, Mexico, Uzbekistan and Vietnam and local service teams in Pakistan, Bangladesh and Indonesia provide customer proximity in key regions for the textile processing industry. For more information visit: www.truetzschler.com

About Brain of Materials:

Brain of Materials AG was founded in 2019 and is based in Mönchengladbach, Germany. Started as an INTERREG project, WYRON truecycled® has since then been fully developed by Brain of Materials AG. WYRON truecycled® is a ready-to-use recycled yarn for the automotive industry from post-consumer textile waste blends. We are currently developing series products with a content of 25% and 50% recycled textiles, available in the colors red and blue. The yarn is manufactured locally in Western Europe and the entire production process is carried out without the use of additional chemicals or dyes.

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Uster Technologies AG

Justice for the innovator

Uster Technologies secured a decisive judgement against Chinese competitor

In a 'victory for innovation in China'Uster Technologies has secured a decisive judgment in a patent infringement lawsuit against a competitor. The final ruling by the Supreme People's Court

of PR China confirms that the competitor'sactions in copying the patented yarn feeder ofthe Uster Tester 6 constitute unlawful infringement.

Protecting innovation with patents

UsterTechnologies has established itself as a pioneer in the field of textile quality control, by diligently investing in research and development since the 1940s. The company now holds over 250 active patents – a testament to its commitment to being the innovation leader. Each patent provides Uster with a temporary, exclusive right to exploit the relevant invention, ensuring that the considerable resources the company invests in research and development are protected and that competitors are barred from illegal imitation.

Victory for justice

A Chinese competitor of Uster launched its yarn evenness tester incorporating a feeder device copied from Uster Tester 6. Uster initiated legal action, leading to a ruling by theFirst Instance Court that the competitor is liable for patent infringement. After an appeal, the Supreme People's Court of PR China reaffirmed that decision as final. As a result, the competitormust immediately cease its infringing activities and compensate Uster.

Confidence in the Chinese market

"We are glad to experience once again that China has a well-functioning and fair intellectual-property protection system that treats right holders of different origins equally," says Dr. Paul Pliska, Intellectual-Property Manager at Uster. "This judgment reinforces our commitment to protecting our innovation power.Not only our company, but also our customers, deserve this."

This is not Uster's first intellectual-property victory in China. Last year, an earlier lawsuit against the same company,concerning the infringement of the Uster Tester 6 console design, ended in Uster's favor. Notably, that design – honored with the 2016 Red Dot Award for Industrial Design – underscores Uster's recognized innovation.

With the Chinese government's efforts to foster a favorable business environment, Uster emphasizes its dedication to elevating the quality and technological progress of China's textile industry. The company will persist in channeling resources into innovation at its Suzhou Technology Center, catering for both global and local customers.

About Uster Technologies

Uster Technologies is the world's leading provider of quality management solutions from fiber to fabric.

High-technology instruments, systems and services cover quality control, prediction, certification and optimization. The portfolio comprises quality management, laboratory testing and in-line process control instruments for fibers, staple fiber, and filament yarns, fabrics and nonwovens.

Uster Statistics, the unique global benchmarks for textile trading, complement a portfolio of value-added services that includes training, consultancy and worldwide after-sales.

The Uster philosophy aims to drive innovation forward by meeting market needs – always with 'quality in mind'.

Uster Technologies is headquartered in Uster, Switzerland and operates worldwide. It has sales and service subsidiaries in major markets and Technology Centers in Uster (Switzerland), Knoxville (USA), Suzhou (China) and Caesarea (Israel).

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❐

Sri Kumaran Textile Systems

SKTS specialist in Needle Roller Bearing across the ranges for spinning application

We can supply all ranges of Needle roller Bearings for Spinning mills application. Please find below some of the fast moving bearings.

Ringframe Application:

- Bottom Roller bearings (16 Needles and 18 Needles) - KW 328, KW 21/28, KW 3000, UN 3213, UN 2809, UN 3003, etc.,.
- Tin Roller bearings – GRAE 45 NPPB
- Jockey Pulleys – SR 60, BSR 70, BSR 72, etc.,.

Autowinder Application:

- Cam follower bearings – F 208897
- Drum shaft bearings – F 236235, 408 AH.01
- NK 20/16
- Adopter bearing RH and LH
- Guide bush

Other Machineries:

- NKIB 5903
- NK 22/16, NB 223016
- RNA 4903, RNA 4905
- K 15*19*17
- 3002 2RS
- HK 1010, HK 3020, HK 1210, BK 1010, BK 2020, etc.,.
- GE 40 KRRB, GE 50 KRRB, etc.,.
- GRAE 25 NPPB

Can Castor, Doffing Trolley and YCP Trolley wheels:

SUTRAN Castor wheel assemblies are designed for critical loads in the smoothest possible manner for very long service lifer under arduous conditions for any conceivable type of application. Castor wheels are designed running smoothly, better contact area, low heat build up, low abrasion losses and keeping low maintenance costs.

Salient Features:

- YCP Trolley STAINLESS STEEL Castor wheels manufactured out if Polypropylene unbreakable impact co-polymer material impregnated with SUPLAST self lubricating, low co efficient of friction, wear resistant, slide bearing bush with SS solid bush, Lock nut bolt and thread guard.
- YCP Trolley Castor wheels – Provision of grease nipple for periodic greasing and enhancing castor life.
- Doffing Trolley wheels – High load bearing capacity and impact resistance.
- Doffing Trolley wheel design ensures excellent load carrying capacity and very smooth swivel action.
- Can Castor wheels designed very unique "V" grooved ball race in the base plate and fork which distributes the radial shock load and weight bearing thrust loads and eliminates over stressing of the ball race.

- Can castor designed with ball cage which ensures balls are uniform gap and smooth swivel action

Can Castor Sizes: 60*25, 80*25, etc.,.

Doffing Trolley Sizes: 4*1.5, 4*1.25, 6*2, etc.,.

YCP Trolley Sizes: 4*1.5, 5*1.5, etc.,.

Phoenix Cutters and Scissors for Autowinders and Weaving machineries:

M/s. Phoenix offered wide range of cutters and scissors for Textile spinning and weaving machineries. M/s Phoenix Textile Engineering, the world's finest cutters & scissors manufacturers and who already are the OEM suppliers to leading machinery manufacturers, offers varieties of cutters & scissors suitable for all types of Automatic winders and weaving machineries.

Types of cutters:

- High Speed Steel (HSS)
- Brazed Carbide Tip
- Zirconia Ceramic

Features:

- Offers 5 years performance assurance warranty for Brazed carbide tip cutters and 3 years for High Speed Steel.
- All phoenix cutters are printed Phoenix emblem for identification
- Phoenix manufactured ceramic cutters with high quality raw material of Zircinia.
- OEM Supplier for Leading machinery manufacturers.

GOTS Certified Wax Rolls:

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- Optimum wax pick up (0.05% - 0.07%) with less co efficient of friction
- Improved knitting efficiency
- No contamination on Autowinder – 100% Natural Paraffin used

- Wide range of wax qualities available for cotton, synthetic, blends and dyed yarn, etc.,.

Sun Yarnguides Industries

M/s. Sun yarnguides develop competitive solutions for the challenges in the areas of spinning - where Roving and Yarn comes in to contact with metal part. They are continuously innovating and developing their products and services to ensure that customers have access to the highest quality products.

Product Range for All machine makes:-

- Yarnguides - ENP and Blackadise Stainless Steel
- Lappet body assembly - High Quality Aluminium body
- Balloon Control Rings - Stainless Steel
- Tension Discs
- Yarnguides for TFO

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Jeanologia

Innovative, expressive and sustainable denim solutions take center stage in Hangzhou.

Jeanologia carried out the creative revolution of denim to Kingpins China

- The combination of its laser and G2 Indra ozone technologies sets a new standard for sustainable, creative, and authentic denim finishes.
- Through the special exhibition Denim Métiers, the Spanish high-tech company showcases the laser's potential as an aesthetic, versatile and transformative tool.
- With over 20% of jeans in China produced using its technologies, Jeanologia strengthens its leadership in the region

The city of Hangzhou hosts a new edition of Kingpins, Asia's leading denim trade show, on May 22 and 23. Jeanologia, a global leader in sustainable textile finishing technologies, is taking part in this major industry event with a disruptive proposal that leads the way into a new era of denim, driven by creativity, sustainability, and digitalization.

A unique combination of laser and ozone creates the most authentic, natural, and sustainable denim on the market

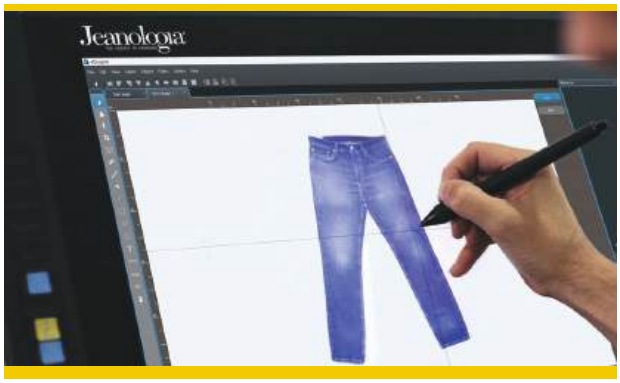
At Kingpins China, Jeanologia once again redefines the industry with an approach that merges creativity, technology, and sustainability. The Spanish company showcases how its laser technology, combined with G2 Indra ozone and its Atmos process, is transforming the way jeans are produced, offering an agile, clean and efficient process from design to wash.

With laser, designers can create hyper-realistic finishes, 3D effects, textures, and vector designs with complete precision, while eliminating polluting processes. Thanks to G2 Indra and its Atmosprocess, Jeanologia achieves the desired shade, dark, medium, or light, without using water, pumice stones or chemicals. These new standard preserves aesthetics, enhances creativity and significantly reduces environmental impact.

"Today, there are no creative limits. We can achieve any look in an efficient and sustainable way," says Jessica Lau, Brainbox Product Development in Asia.

Special exhibition: Denim Métiers by Jeanologia

In collaboration with Kingpins, Jeanologia presents Denim Métiers, an inspirational exhibition that connects denim with haute couture. This capsule collection combines the industrial character of denim with the precision and sophistication of artisanal craftsmanship, showing that laser not only transforms the process but also reshapes the creative language of denim.



Each garment is conceived as a work of art, precisely traced by laser to break the boundaries of traditional design and transform denim into a refined, cutting-edge and sustainable medium of expression. A tribute to the creative potential of technology when placed at the service of contemporary craftsmanship.

Digital product development

Jeanologia also joins the panel "Denim in the Digital Age, building a Future-Ready Industry" on May 22 at 3:00 p.m., where Jessica Lau will discuss how to accelerate the creative process and connect brands and manufacturers from the very beginning with eDesigner, Jeanologia's digital platform for denim product development. This tool allows hyper-realistic design and validation of ideas, reducing physical samples by up to 80%, speeding up both decision-making and go-to-market.

As the grand finale of the show, on May 23 at 5:00 p.m., the Denim Métiers collection will be presented on the Kingpins China catwalk, showcasing Jeanologia's most artistic vision. The garments reveal the full expressive potential of laser applied to denim at its most contemporary.

China, a key market for the future of denim

Jeanologia's presence at Kingpins China reinforces its commitment to efficient, automated and sustainable development of the country's textile industry. With a strong regional footprint, the company works closely with local manufacturers and brands to promote more responsible and efficient production models.

Today, over 20% of the jeans produced in China are made using Jeanologia's technologies, confirming its leadership in this strategic market. The synergy between innovation, sustainability, and digitalization on display at Kingpins also powers the company's growth and impact in China, an essential ally in building the future of denim.

Jeanologia: 30 years leading the transformation of the textile industry

Since its founding, Jeanologia has been on a mission to transform the textile industry into a more ethical, sustainable, and efficient model. The company works closely with brands, retailers, and suppliers on this transformative journey, offering disruptive technologies, innovative software, and a new operational model. Their groundbreaking solutions, including laser technology, G2 ozone, Dancing Box, e-flow, H2Zero, and ColorBox, have redefined garment design and finishing standards, eliminating polluting processes and significantly reducing the use of water, energy, and chemicals. Thanks to these advancements, Jeanologia has saved millions of liters of water and eliminated harmful substances, turning its vision of a truly sustainable textile industry into reality.

In 2025, Jeanologia celebrates its 30th anniversary, marking a legacy of three decades of sustainable innovation. From the introduction of its laser technology in 1999, which revolutionized denim finishing, to its current challenge of implementing a revolutionary sustainable garment dyeing process, the Spanish company has pioneered solutions that not only benefit the environment but also optimize operational costs. Looking ahead, Jeanologia remains committed to creating an eco-efficient and ethical textile future, encouraging all industry stakeholders to join its Mission Zero initiative: dehydrate and detoxify the textile industry. No more water and toxic chemicals used in garment finishing around the world.

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Mimaki Europe BV

Mimaki Europe unveils Vision and Strategy as Impressive Line-Up of New Product Innovations launched at FESPA 2025

- Mimaki presents new vision, structure and strategy as it looks to the future after 50 years in business
- Arjen Evertse promoted to Director Sales, Mimaki Europe, and becomes member of Mimaki Europe Board, marking the beginning of a new era in the company's leadership team
- Mimaki's brand new product innovations take over half of its' FESPA stand and include the UJV300DTF-75 printer for customisable prints, the JV200-160 roll-to-roll printer and Mimaki's next generation UV ink range.

Mimaki Europe, a leading provider of industrial inkjet printers and cutting plotters, has unveiled its new vision, structure and go-to-market strategy against a backdrop of new product innovations making their debut at FESPA Global Print Expo 2025.

Mimaki's new technology and pioneering ink products represent over half of the company's product line-up being demonstrated live on its FESPA stand (Hall 1.2 / Stand B20). These latest solutions include the new Mimaki UJV300DTF-75 Printer, which leverages Mimaki's UV printing expertise to deliver a reliable solution for object decoration, enabling high-quality, durable prints on surfaces that were previously unsuitable for direct UV printing.

Arjen Evertse, Mimaki's newly promoted Director Sales at Mimaki Europe

Launched recently, the new Mimaki ELH and ELS inks are also being showcased for the very first time. These sustainable inks deliver the same high-standard functionality as equivalent Mimaki inks but have been formulated to be completely free of SVHC*1 and, uniquely, CMR*2, therefore reducing the impact on human health and the environment.

SCIENCE IN INDUSTRY

Two new printers, the JV200-160 and Tx330-1800, will make their debut in EMEA. An easy-to-use roll-to-roll printer, the JV200-160 uses eco-solvent inks and offers reliable signage production with outstanding print quality. Created for the textile and apparel markets, the Tx330-1800 is equipped with a dual ink set capability to seamlessly switch between textile pigment inks and dye sublimation inks for a more diverse range of applications in one machine.

As Mimaki kicks off this innovation-packed FESPA, the company officially announces Arjen Evertse's promotion to Director Sales, along with the landmark news that he is the first locally appointed member to join the Mimaki Europe Board of Directors.

Arjen Evertse comments, "Mimaki is a truly international company and my appointment to the Board is a demonstration of the company's goals to reflect this global reach and market influence within its leadership team.

"This new role coincides with an exciting phase of Mimaki's evolution, where the regional Mimaki businesses will be even more aligned with the global sales strategy and implement new team structures to support changing market demands. After over 20 years with Mimaki, I have witnessed the business lead and inspire change across the industries we serve. Now, in our 50th year, it's the ideal time to look to the future and adapt our strategy to meet the new demands of the market – many of which we have been instrumental in creating! Our vision now is to support the needs of a more diverse, flexible print industry."

Mimaki Europe will implement a new strategy that enables further 'horizontal growth', as Mimaki's new product introductions continue to push the boundaries of what is possible and open up opportunities in new markets, and 'vertical growth' as it continues to support entry-level and industrial scale print production. Mimaki's new 'Print Different' ethos underpins this

approach. 'Print Different' not only encapsulates Mimaki's legacy of breakthrough technologies but also highlights the company's continuous commitment to driving creativity, differentiation and sustainability in the digital printing industry.

Arjen Evertse continues, "Our approach will also be even more customer-centric, with teams established to serve particular business, technology and operational needs. One example of this is our specialist industrial production team led by our Senior Production Sales Manager, Bert Benckhuysen – a familiar name to the industry and Mimaki as we welcomed him back to the company at the end of last year. Additionally, we have set up a brand-new unit for business development led by Mina Maeda.

The UJV300DTF-75 combines Mimaki's UV and DTF expertise for the sign graphics market

"It's an exciting moment in Mimaki's long-established history, and I feel privileged to be at the forefront of this newstrategy, leading our team and supporting our customers into this next phase of growth and success."

About Mimaki

Mimaki is a leading manufacturer of wide-format inkjet printers and cutting machines for the sign/graphics, industrial, textile/apparel and 3D markets. Mimaki develops the complete product range for each group; hardware, software and the associated consumable items, such as inks and cutting blades. Mimaki excels in offering innovative, high quality and high reliability products, based upon its aqueous, latex, solvent and UV-curable inkjet technology. In order to meet a wide range of applications in the market, Mimaki pursues the development of advanced on-demand digital printing solutions. Mimaki Engineering Co. Ltd., (President: Kazuaki Ikeda) Nagano (Japan), is publicly listed on the Tokyo Stock Exchange, Inc.

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Grease: Periodic lubrication is recommended for extended life of the bearings. Sakthi End bushes are packed with high speed grease during delivery.

Synthetic Rubber Cots

Imported Cots: Imported Twin layer, Press Fit cots like Accotex, Daytex, Berkal & Yamuchi etc., can be supplied with Sakthi Top roller duly mounted.

Indigenous Cots: Indian Glue on, Twin Layer, Press fit cots can be supplied with our Top roller duly mounted. Periodic buffing is recommended based on the shore hardness of the cots, count of cotton and basic raw material of the yarn.

Mounting and Buffing: Inhouse mounting facility will ensure the accurate fitment of all kind of cots.

'Sakthi' Top roller quality is taken care in every stage of operations up to final assy by QC team. As per customer choice any make and kind of cots can be duly mounted and supplied with our top roller.

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INDEX TO ADVERTISERS

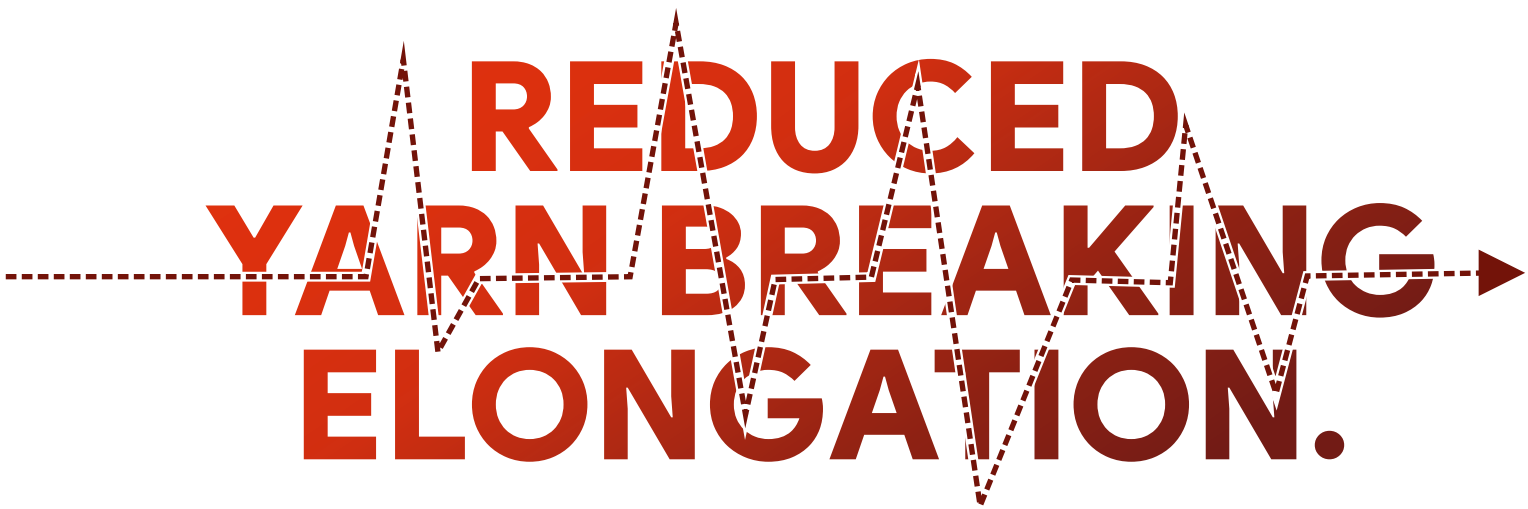
JULY 2025

We are listing most common stressful events which majority Spinners are now facing. Here, we talk of one such event.

Theoritical and academic causes of reduced yarn breaking elongations are known to all spinners. But they are unaware...

The reason for Reduced Yarn Breaking Elongation, is a practical one, the Wellness of Spinning and Ring-frame. Ring Frame components when not in good state, create high peak tensions in yarn, which reduce yarn breaking elongation. Use of heavier traveller also reduce yarn breaking elongation resulting in fall in loom/knitting productivity.

Wellness is the fundamental thing, if not observed due to practical practices or due to ignorance it will defintitely initiate several problems in spinning, which can result in accumulating losses. And such losses, when numerically accounted, give shocking figures.



We have checked 400+ such cases by now, and acquainted them with Wellness and its problem. All such problems were resolved. All are happy with the results. Not only their problems are solved but have gained in Quality and Productivity. We are encouraging others to share their problems, if any, we will be glad to guide and assist. Together, we will be able to resolve all such problems, and in some time, lift up the industry's Quality and Productivity standards.

We are doing this free of cost for now.

However, we can be more precise in resolving your problem, after inspection at your Spinning Unit.
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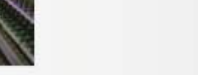

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