

The

RS. 150 VOLUME:66 ISSUE:04 FEBRUARY 2025

# TEXTILE MAGAZINE

WORLD'S LEADING INDUSTRY MAGAZINE

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Dinesh Nolkha, MD,  
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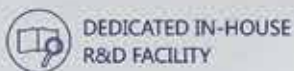


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## Achieving India's Textile Vision: A Unified Industry Approach

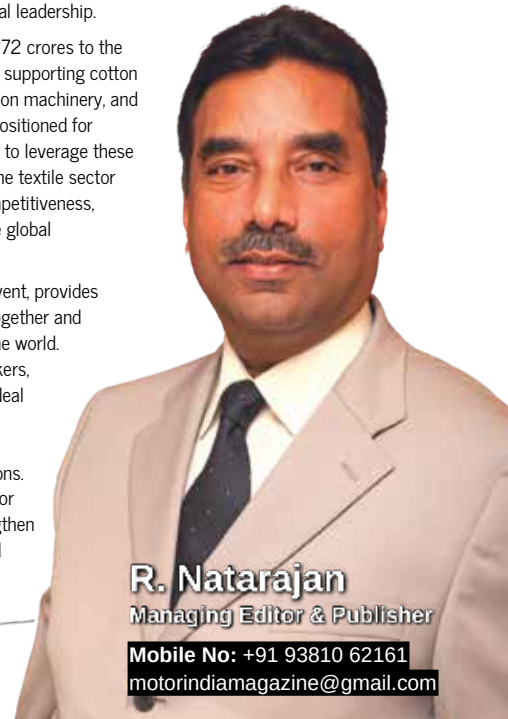
India's textile industry is on an ambitious trajectory, targeting \$350 billion in manufacturing by 2030, with exports set to cross \$100 billion. Government initiatives such as the Production Linked Incentive (PLI) scheme, PM MITRA textile parks, and enhanced budget allocations have laid a strong foundation for growth. However, to fully realize this vision, the industry must unite under a Common Minimum Program that aligns all stakeholders towards shared objectives.

With over 25 textile associations engaging separately with the government, a fragmented approach has often led to policy gaps and missed opportunities. The time has come for industry leaders—spanning fiber producers, spinners, weavers, garment manufacturers, and exporters—to collaborate on a unified roadmap. A well-structured Common Minimum Program can streamline efforts, ensure holistic policy advocacy, and drive India's textile sector to global leadership.

With the Union Budget 2025-26 allocating ₹5,272 crores to the Ministry of Textiles, and key policy interventions supporting cotton productivity, technical textiles, duty exemptions on machinery, and MSME competitiveness, the ecosystem is well-positioned for transformation. Now, the onus is on the industry to leverage these opportunities cohesively. By working together, the textile sector can achieve global scale, sustainability, and competitiveness, securing India's place as a dominant force in the global textile value chain.

Bharat Tex 2025, India's largest global textile event, provides a unique opportunity for the industry to come together and showcase its breadth, depth, and strengths to the world.

With participation from global buyers, policymakers, and technology leaders, Bharat Tex will be the ideal platform to demonstrate India's capabilities in sustainable manufacturing, technical textiles, innovation, and circular economy solutions. More importantly, the event presents a chance for the industry to align on a common vision, strengthen collaborations, and establish India as a preferred global sourcing and manufacturing hub.



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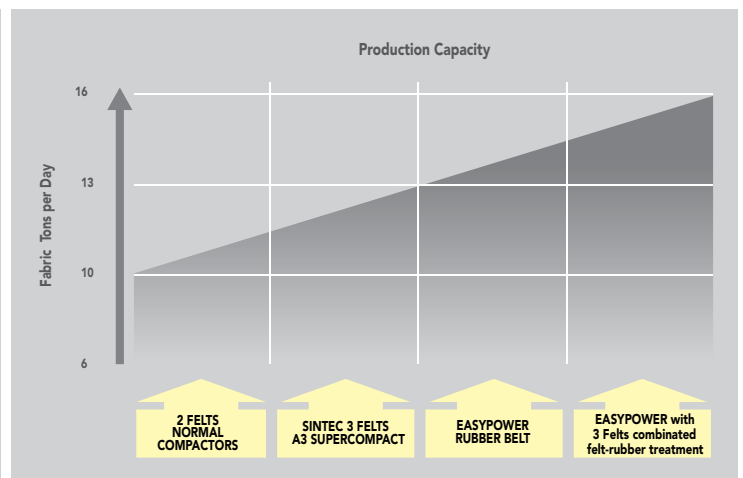
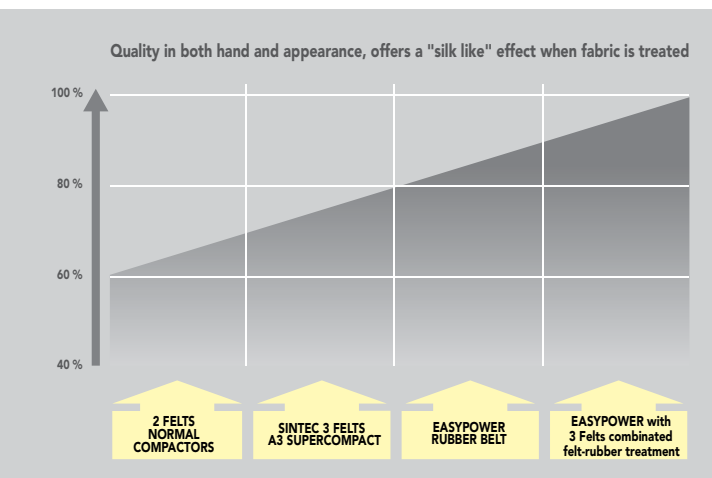
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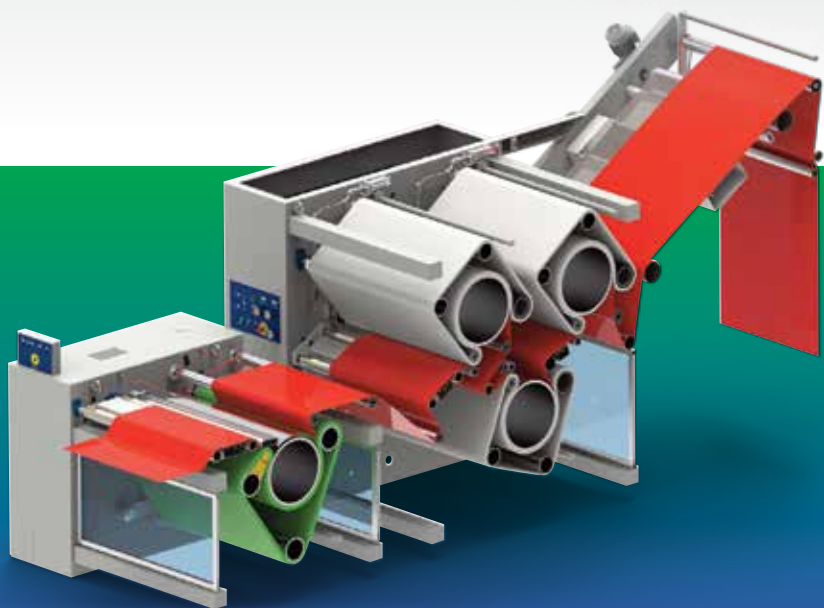
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Hon'ble Union Minister of Textiles, **Shri Giriraj Singh**

## India is the sixth-largest exporter of textiles and apparels: Economic Survey

In its assessment of the textile sector, the Economic Survey highlights that India is the sixth largest exporter of textiles and apparel globally, contributing significantly to the Gross Domestic Product of the country, industrial production and exports. The sector is also one of the largest employment generators, with over 45 million people employed directly, including many women and the rural population. As further evidence of the inclusive nature of this sector, nearly 80 % of its capacity is spread across Micro, Small and Medium Enterprises (MSME) clusters in the country.

The Survey stated that India exported textile items worth USD 34 billion in 2023, with apparel constituting 42% of the export basket, followed by raw materials/semi-finished materials at 34% and finished non apparel goods at 30%. Europe and the US consumed nearly 66% of India's apparel exports, 58% of finished non-apparel goods and 12% of raw materials/semi-finished materials. Other prominent destinations include the UK (8%) and the UAE (7%). The Survey points out that textile exports remained resilient throughout the COVID-19 period (2020 to 2022).



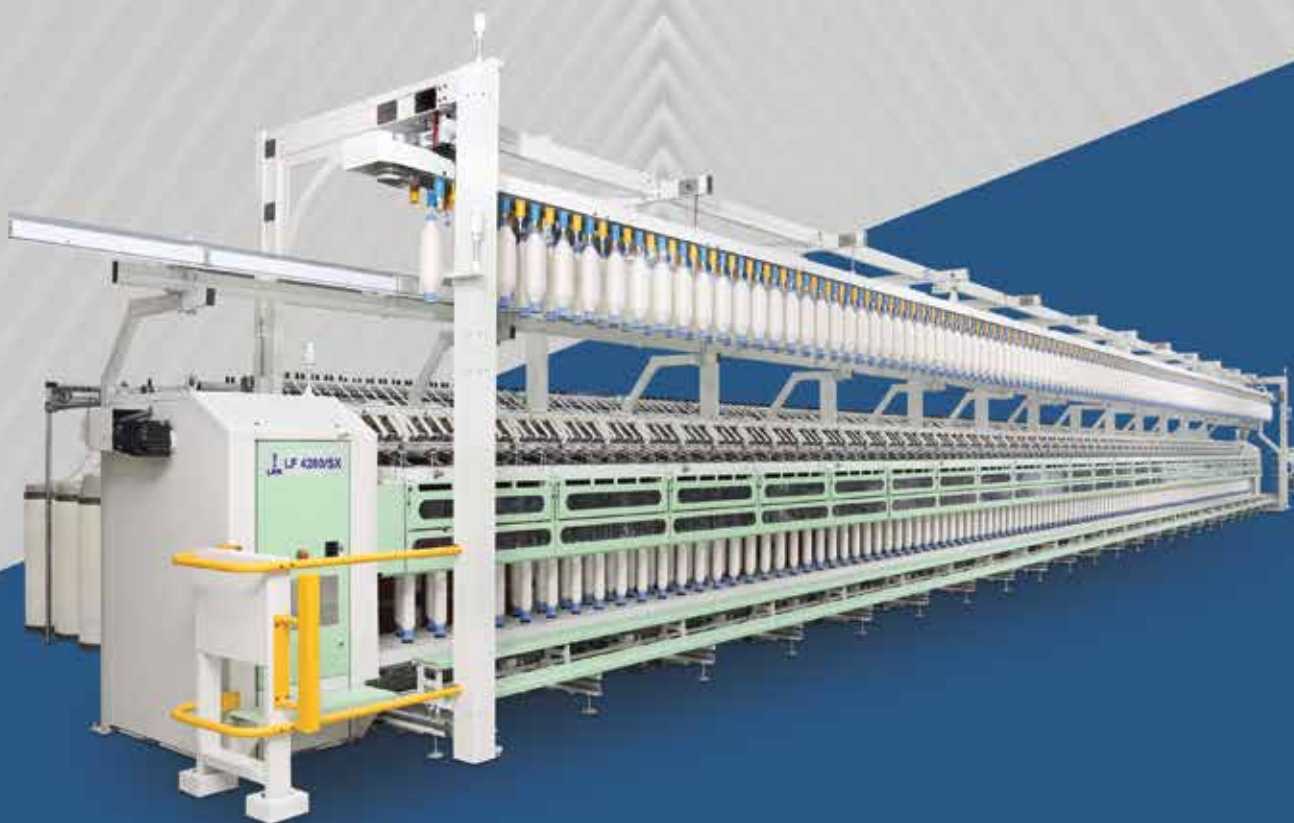
The Survey concludes that Government programs like PM MITRA through creating textile parks with world-class plug-and-play infrastructure would support integrated supply chains, and also attract foreign direct investments into the textile sector. It adds that as MMF products require heavy research and development suited to different use cases, the National Technical Textiles Mission (NTTM) has been approved with an outlay of ₹1,480 crore with research as a key component. During 2024, 168 research projects have been approved under the NTTM mission. It adds that Scheme for Rebate of State and Central Taxes and Levies has also been extended up to 31 March 2026 to encourage exports. The Economic Survey concludes that India's textile sector has several tailwinds working in its favour that augur well for the sector.

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## BHARAT TEX 2025 IS A TESTAMENT TO INDIA'S COMMITMENT TO BECOMING A GLOBAL TEXTILE POWERHOUSE

### Secretary, Ministry of Textiles Launches App and website for Bharat Tex 2025

Building on the success of its inaugural edition in 2024, Bharat Tex 2025 aims to further elevate its stature by attracting over 5,000 exhibitors, 6,000 international buyers from over 120 countries, and more than 1,20,000 visitors. The event will feature comprehensive pavilions, showcasing the entire textile value chain under one roof.

Union Textiles Secretary, Mrs. Neelam Shami Rao applauded textile industry bodies for their proactive efforts in organizing Bharat Tex 2025. Describing it as the largest and most comprehensive textiles event ever, she commended the commitment of textile Export Promotion Councils and other industry bodies for their relentless efforts and dedication in bringing the entire value chain of textiles under the Bharat Tex umbrella. She underlined that Bharat Tex will reaffirm the attractiveness of India as a reliable, sustainable sourcing destination as well as an investment destination at scale for textiles. The entire event is a testament to India's commitment to becoming a global textile powerhouse, she added.

Bharat Tex 2025, organized by 11 major textile industry bodies and supported by the Ministry of Textiles, promises to be a...

... landmark event showcasing the diversity, scale, and capability of India's textile sector. The event spread over an area of 2.2 million square feet is expected to attract over 5,000 exhibitors, 6,000 international buyers from 120 countries, and more than 1,20,000 visitors. Exhibitors will showcase a wide range of products, including apparel, dyes & chemicals, machinery & equipment, home furnishings, technical textiles, handlooms, and handicrafts.

Bharat Tex is being run on an advanced technology platform offering a one source engagement to visitors, exhibitors and buyers. The Bharat Tex app, is a part of the overall technology platform designed to facilitate seamless engagement, networking, and information dissemination for this largest global textile event. Designed to enhance user convenience by offering exhibitor profiles, session details, and interactive maps, it is a comprehensive tool for buyers, exhibitors, and visitors to explore the vast scale and diversity of India's textile ecosystem, connect with global stakeholders, and stay informed about key events during and after the expo.

The app allows users to explore the latest developments and technological advancements in the entire textile value chain covering fibers, yarns, apparels & fashions, home textiles, handlooms, technical textiles, and intelligent manufacturing. With easy access to venue maps, session details, and more, the app eliminates the need for paper guides, offering an efficient and eco-friendly experience. Available for download on the Apple App Store and Google Play Store, the Bharat Tex 2025 app is an essential tool for attendees aiming to navigate the event. With the launch of the Bharat Tex 2025 exhibitors, buyers, and visitors will have access to a platform, to access event information and plan efficiently.

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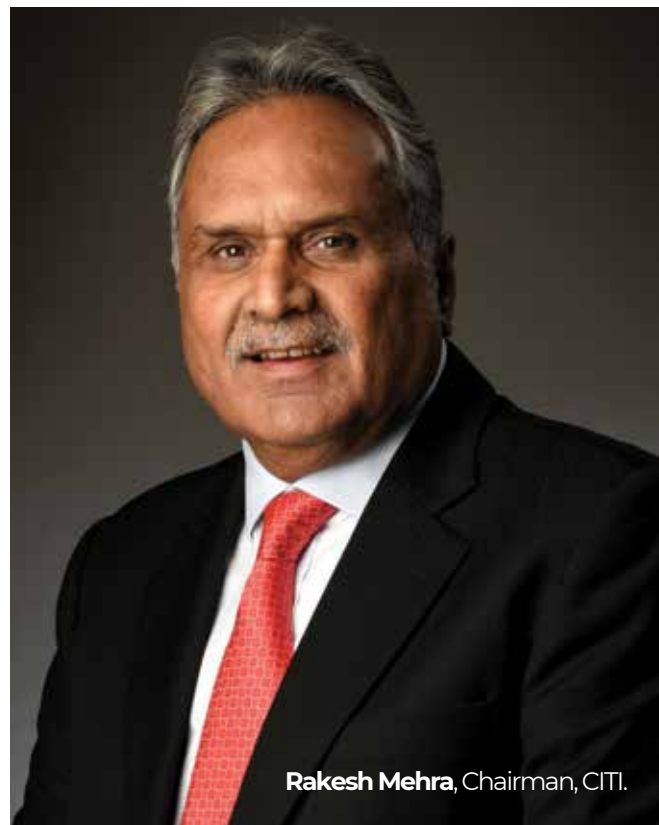
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# CITI APPLAUDS UNION BUDGET 25-26

## A TRANSFORMATIVE STEP FOR INDIA'S TEXTILE SECTOR

Confederation of Indian Textile Industry (CITI) welcomes the Union Budget 2025-26 which reflects the Government's commitment to strengthening India's textile and apparel sector. The budget witnessed the textile allocation increased significantly by 57.7% for 2025-26 compared to the revised budget of 2024-25. It is majorly due to increased allocation of Rs 1,148 crore under the PLI scheme for the current year.

Chairman CITI, Shri Rakesh Mehra thanked the Government for considering the long pending demand of industry and announcing the Mission for Cotton Productivity which will facilitate significant improvements in productivity and sustainability of cotton farming, and promote extra-long staple cotton varieties.



Rakesh Mehra, Chairman, CITI.

“It will not only address the industry's concern of declining cotton productivity but will also reduce our dependency on imports for specialized varieties of cotton-like ELS” he added.

**He also commended the Government's approach and said that the budget is aimed at a globally competitive and technology-driven textile sector. Various other Government initiatives like the revision of tariff items on knitted fabric categories to boost domestic industry, exemption of 2 more shuttle less looms from BCD to support technical textile industry, setting up of Export Promotion Mission, etc. will accelerate the sector's growth towards a US\$ 350 bn market size by 2030.**

The introduction of a new tax regime is expected to increase disposable incomes, thereby enhancing domestic consumption of textile and apparel products. Shri Mehra emphasized that higher purchasing power will drive demand across various textile segments, benefiting both small and large industry players.

“It is heartening to note that the Government has a special focus on MSMEs, which account for more than 45% of our exports. Indian T&A industry also is majorly MSME-driven. The enhanced credit availability with guaranteed cover for MSMEs will definitely boost the confidence of MSMEs, however, the textile industry has been requesting a mix of an upfront capital subsidy and performance-based incentive scheme, especially for the MSME and such a scheme is needed for the targeted growth in this sector” cited Shri Mehra.

CITI remains optimistic that import-related relaxations, particularly the extended timelines for end-use compliance, will also be extended to products covered under Quality Control Orders. This will help streamline supply chains and improve operational efficiency.



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**BK Goenka**, Chairman, Welspun World

# BUDGET 2025

A BLUEPRINT FOR GROWTH,  
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The recently announced budget strikes an optimal balance between fostering economic growth and maintaining fiscal discipline. The reduction in the fiscal deficit and market borrowings enhances India's long-term debt sustainability, while also helping lower borrowing costs, making capital more accessible for businesses.

A key highlight is the strategic shift in government spending from subsidies to capital investment, reinforcing a commitment to productive and sustainable growth. The revamping of income tax slabs, coupled with targeted schemes for rural areas and agriculture, is expected to provide broad-based support to boost consumption and enhance livelihoods. By streamlining duties and tariffs, supporting MSMEs and startups, and simplifying the import and use of capital goods, the budget enhances the ease of doing business. Critical focus areas such as skill development, AI-driven education initiatives, and fostering healthy competition among states further strengthen India's growth trajectory.



The support to the nuclear power sector is a crucial step towards ensuring India's energy security and meeting its climate commitments. Meanwhile, investments in broadband connectivity for government secondary schools and the establishment of 50,000 Atal Tinkering Labs will create a strong pipeline of future-ready talent. With its strong focus on Garib (the underprivileged), Youth, Annadata (farmers), and Nari (women empowerment), alongside transformative economic reforms, this budget is a significant step toward realizing the vision of Viksit Bharat, securing India's long-term economic resilience and sustainable development.



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**Dr. S. K. Sundararaman**, Chairman, SIMA

...enhance the global competitiveness of the textile industry. He has stated that cotton being the growth engine and strength of Indian textile industry accounting around 80% of the textile exports, the industry has been demanding for a Cotton Technology Mission supporting high yielding seed technology, adoption of global best agronomy practices, producing clean cotton and branding Indian cotton to benefit the farmers and the industry.

The announcement of Rs.600 crores to improve productivity and sustainability of cotton, promote ELS cotton and best of science & technology to cotton farmer on a mission mode approach giving thrust for high yielding seeds to align with 5F Vision of Hon'ble PM is a step in right direction says SIMA Chairman. He has stated that the country was producing around 25 lakh bales of extra-long staple (ELS) cotton during 1980s when the crop was remunerative to the farmers and currently producing only around 5 lakh bales and the industry has potential to consume 30 lakh bales. He added that the industry is importing around 12 lakhs bales of ELS cotton having 32.5 mm and above and textile business size of the ELS cotton value chain is estimated at around Rs.60,000 crores per year and giving direct jobs to around 12 lakh people.

## UNION BUDGET ENHANCES GLOBAL COMPETITIVENESS FOR TEXTILE INDUSTRY – SIMA

The textile industry is the second largest employment provider of the nation, next only to agriculture that provides jobs predominantly to rural masses especially women to the tune of 110 million and the Government has set a vision of increasing the textile business size from the current level of USD 162 billion to USD 350 billion and the exports from the level of USD 35 billion to USD 100 billion by 2030.

The NDA Government led by Hon'ble Prime Minister, Shri Narendra Modi having set a vision of 5Fs (Farm – Fibre – Factory – Fashion – Foreign) has been taking several pathbreaking initiatives to enhance the global competitiveness by addressing the structural issues. The Union Budget 2025-26 has made important announcements specific to textiles and several other announcements that would greatly benefit the textiles & clothing industry.

In a press release issued, **Dr S K Sundararaman, Chairman, The Southern India Mills' Association (SIMA)** that represents the entire textile value chain in South India since 1933, has welcomed the budget and stated that the various announcements made in the budget would..

SIMA Chief has stated that the Ministry of Agriculture and Ministry of Textiles have already been operating on a Special Project on cotton covering 15,000 hectares of land in all the leading cotton producing States focusing on High Density Planting and ELS cotton productivity improvements and the pilot projects have revealed that there is a scope to increase the productivity from 30 to 50 percent. He has added that at the initiative of Government, the Cotton Textile Export Promotion Council (TEXPROCIL) jointly with other employers organisations has already launched "Kasturi Cotton Bharat" and the quality Indian cotton is getting branded.

SIMA Chairman has claimed that the predominantly MSME nature of textile industry would be benefited out of upward revision of MSME sales turnover criteria by two times the investment limit by 2.5 times and thereby become eligible to avail the various fiscal and non-fiscal supports extended for the MSMEs.

He has welcomed the various other announcements pertaining to credit guarantee scheme for MSMEs and the new mechanism for facilitating continuation of bank credit to MSMEs during their stress period, etc., skill development initiatives, infrastructure development schemes including maritime, non- conventional energy, power sector, etc.

**Dr Sundararaman has thanked the Hon'ble Prime Minister, Hon'ble Finance Minister, Hon'ble Agriculture Minister, Hon'ble Minister for Commerce and Industry and Hon'ble Minister for Textiles for the various announcements that would enhance global competitiveness.**



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# BIRLA CELLULOSE - DRIVING CHANGE THROUGH INNOVATION & ENVIRONMENTAL STEWARDSHIP

By Arun Rao

## **LEADING THE WAY WITH SUSTAINABILITY AND INNOVATION**

**Birla Cellulose, a division of Grasim Industries Ltd., has emerged as a trailblazer in the realm of sustainable and innovative fibre production. Focusing on sustainable practices and innovative technology, the company continues to meet the growing demands of the fashion and apparel industries while prioritizing environmental responsibility. Through its pioneering approach, Birla Cellulose is transforming the textile sector with a commitment to preserving the environment and driving positive change.**

The company has solidified its leadership in responsible wood sourcing, receiving the prestigious 'Dark Green Shirt' rating from Canopy's annual Hot Button Report for five consecutive years. In 2024, it achieved the number one ranking, which is recognition from Canopy, a non-profit environmental organization that evaluates companies based on their sustainability practices.

*These accolades reflect Birla Cellulose's unwavering dedication to forest conservation and responsible sourcing, setting a benchmark in the industry.*



"We are proud to lead the charge in scaling up Next Gen solutions," said **Mr. HK Agarwal, MD of Grasim Industries and Business Director at Birla Cellulose.** "This prestigious recognition validates our continuous commitment to improving sustainable wood sourcing practices, promoting forest conservation, and maintaining transparency in the value chain."

## **Commitment to Sustainable Production and Carbon Footprint Reduction**

Birla Cellulose's commitment to environmental stewardship extends to its production processes, with a clear focus on reducing carbon emissions and conserving water.



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The company leads the global fibre industry with the lowest processed water consumption per tonne of fibre produced. Birla Cellulose has pioneered the adoption of Zero Liquid Discharge (ZLD) technology at its Nagda facility and implemented water recovery systems across its plants. These initiatives are designed to minimize the environmental impact of its operations and promote efficient water management.

To reduce its reliance on coal, Birla Cellulose is integrating renewable energy sources and bio-fuels at its facilities. Its range of specialty fibre products, including Birla Excel, Birla Purocel, Livaeco, and Liva Reviva, Birla Viscose EcoSoft are made from certified renewable wood sources, produced in facilities that emphasize resource recovery and recycling.

**“We specialize in sustainable, value-added fibres with a closed-loop production process that recycles water and chemicals,” Mr. Agarwal added. “We also manufacture Lyocell fibres on three lines, with plans to expand to a fourth. Lyocell offers exceptional tenacity and mirrors the properties of cotton, enhancing moisture absorption, softness, and overall fabric quality.”**

**Innovative & Sustainable Fibre Solutions**

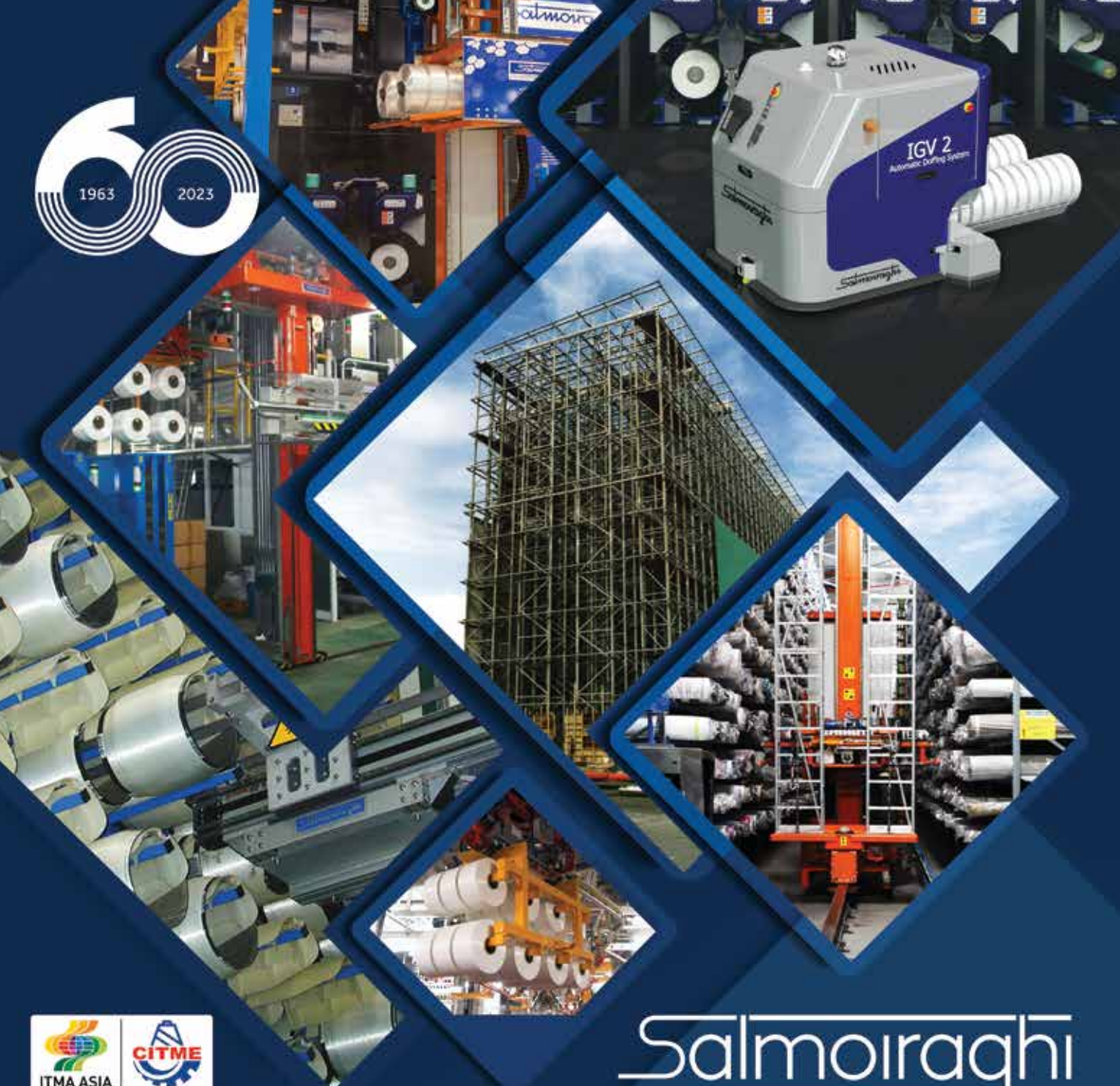
What began with a single cellulose fibre plant in Nagda, Madhya Pradesh, has now grown into an international network of 11 facilities, with an annual production capacity of 1.25 million tons of fibre. Birla Cellulose operates five advanced research centres equipped with state-of-the-art technology and pilot plants to drive further innovation in sustainable fibre production.



In the dynamic world of sustainable fashion and textiles, Birla Cellulose's flagship brand Liva is a game-changer, transforming how designers and consumers think about fabric. Liva's fluid, natural cellulosic fibres bring together the best of comfort and conscious fashion, offering garments that not only feel luxurious but also align with sustainability values. The brand has partnered with leading fashion houses and designers, creating collections that showcase how eco-responsible textiles can deliver both style and performance. Through Liva, Birla Cellulose has established itself as more than just a fibre manufacturer – it has become a trusted name in the fashion ecosystem, influencing trends while promoting environmental stewardship.

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Birla Cellulose produces a wide range of cellulosic fibres, including viscose staple, Lyocell, fire-retardant, Modal, dyed, and short-cut fibres. A leader in developing fibres for circular textiles, the company promotes reuse and recycling. Its fibres are used in diverse applications, from apparel, home textiles, nonwovens to feminine hygiene products, where it offers a biodegradable alternative to conventional polymers. In 2024, Birla Cellulose launched Birla SaFR, a flame-retardant fibre for protective clothing, and Intellicolor, a fibre simplifying the dyeing of polyester, acrylic, and cellulosic blends.

“Intellicolor fibre offers a significant advantage in the dyeing process, reducing the need for multiple dyeing baths,” Mr. Agarwal explained. “This results in considerable savings in water, chemicals, dyes, and energy, helping to minimize environmental impact.”

#### **Birla Cellulose’s Expansion and Market Growth**

Globally, cellulosic fibres comprise approximately 6.5% of fibre consumption, while cotton represents about 25%. In India, though cotton remains the dominant fibre, cellulosic fibre consumption trends mirror the global market. Mr. Agarwal noted that India’s fibre consumption growth rate exceeds global averages. To support this growth, Birla Cellulose continually...

... introduces new fibre products and collaborates with the textile sector to enhance the quality of cellulosic fibre yarns and fabrics. The company’s fibres are used by over 125 global and Indian apparel brands, including Arvind Ltd, H&M, and Walmart, as well as leading home textile manufacturers such as Trident and Welspun Living in their premium products.

#### **The Future of Cellulosic Fibres and Sustainability**

Birla Cellulose’s continuous innovation and development of specialized, high-performance fibres establish new benchmarks for both quality and environmental responsibility. Birla Cellulose’s Textile Research and Application Development Centre (TRADC) invests heavily in R&D to create eco-friendly, high-quality fibres. Focusing on innovative fibre technologies, enhanced product performance, and sustainability, the R&D team develops biodegradable alternatives and optimizes manufacturing for greater efficiency and reduced resource use, committed to high standards of quality and sustainability.

“As we look ahead, we will continue to drive the growth of cellulosic fibres, enabling yarn and fabric producers to offer better-quality products,” concluded Mr. Agarwal. “With a steadfast focus on innovation and sustainability, Birla Cellulose will remain at the forefront of the textile industry, setting new benchmarks for environmental stewardship and responsible production.”

By blending cutting-edge technology with a deep commitment to sustainability, Birla Cellulose is leading the charge toward a more environmentally responsible and innovative future for the textile industry.

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From left to right ( Mr. Karan Agarwal, Mr. Pradeep Agarwal, Mr. Manoj Lad, Mr. Vinay Agarwal & Mr. Divansh Agarwal )

These high-performance machines have played a pivotal role in ensuring superior quality, efficiency, and sustainability in their yarn production. This anniversary marks the beginning of an exciting journey ahead, with Lokpriya Spinning Mills poised for further growth and innovation in the textile sector. **Spin to Success!!**



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# STRENGTHENING INDO-GERMAN TIES

## A Conversation with Consul General Kathrin Misera-Lang

Dr. Kathrin Misera-Lang has recently assumed the role of Consul General of Germany ad interim in Chennai. Just hours after taking office, she visited the Indian International Leather Fair to inaugurate Amann India's exhibition booth at the request of Mr. Sanjeev Grewal - Regional Business Director of Amann Group, and paid a visit to the German pavillion.



By K. Gopalakrishnan

**In her first interview after assuming office, she shares her thoughts on Indo-German relations, economic cooperation, and cultural exchange. During this occasion, she expressed enthusiasm about her new role and her vision for fostering stronger partnerships between Germany and India.**

### A Diplomat's Journey to India

With a distinguished career in the German Federal Foreign Office, Dr. Misera-Lang brings years of diplomatic experience to her new role. Although this is her first posting in India, she is no stranger to the broader region, having previously served in Singapore, which also has a small Tamil community. Her initial days in Chennai have been marked by warm receptions and a keen interest in deepening Germany's engagement with South India.

### The Growing Indo-German Partnership

India and Germany have shared a strong bilateral relationship for decades, which has only strengthened over time. Highlighting this, Dr. Misera-Lang referred to the Indo-German Green Sustainable Development Partnership, signed by Prime Minister Narendra Modi and Chancellor Olaf Scholz in 2022, which was the start of a new era for Indo-German cooperation.

The collaboration spans crucial areas like sustainable energy, industrial modernization, and climate initiatives, positioning India and Germany as key allies in global sustainability efforts.

Business is a vital pillar of this relationship. Germany remains India's largest trading partner within the EU, with deep-rooted partnerships, especially in automotive and manufacturing industries. German small and medium-sized enterprises (Mittelstand) have increasingly established production facilities in India, drawn by the skilled workforce and business-friendly infrastructure. As trade fairs such as the International India Leather Fair and Bharat Tex continue to attract German businesses, Dr. MiseraLang believes that there is immense potential for further expansion and collaboration.

### Education and Cultural Exchange: A Flourishing Relationship

One of the strongest links between India and Germany is in education. Germany has become an increasingly popular destination for Indian students, offering world-class education at affordable costs. Today, Indian students form the largest group of international students in Germany, with more than 45,000 currently enrolled in various universities. Institutions like Max Müller Bhavan play a significant role in fostering interest in the German language and culture, further strengthening ties between the two nations. In addition to education, Germany actively promotes cultural exchanges, reinforcing the strong connection between the two countries. The rise in German language learners and student mobility reflects the deepening educational and cultural relationship.

### Germany's Role in India's Growth Story

With India poised to become a \$10 trillion economy by 2030, Germany is committed to playing a pivotal role in its growth. Ms. Misera-Lang emphasized that German businesses are keen to co-invest, collaborate, and contribute to India's industrial expansion.



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Prime Minister

**Shri Mohan Charan Majhi**  
Chief Minister, Odisha

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The skilled workforce and growing infrastructure make India an attractive destination for German investments, particularly in sectors like automotive, engineering, and sustainable manufacturing. Germany's new skilled labor strategy is designed specifically to attract Indian talent. With a focus on facilitating work and study opportunities, Germany is welcoming skilled professionals and students from India to strengthen its workforce. The initiative underscores the growing mutual reliance between the two nations and opens doors for young Indians seeking international career opportunities.

**A Vision for the Future**

As she embarks on her tenure in Chennai, Dr. Misera Lang is eager to strengthen Indo-German ties further. She aims to promote business opportunities and networks such as the German-Indian Roundtable. She would like to encourage Indian professionals to explore opportunities in Germany. Her vision is to create a bridge that fosters economic, cultural and...

...educational collaborations, ensuring that the long-standing Indo-German partnership continues to thrive. Expressing her gratitude, she concluded, "Germany welcomes India's young talent with open arms, and I look forward to contributing to this remarkable relationship. I am honored to be here and excited about the journey ahead."

With the Indo-German partnership evolving across economic, educational, and cultural spheres, the appointment of Dr. Kathrin Misera Lang as Consul General comes at an opportune time. As both nations continue to explore new avenues of cooperation, her leadership is expected to drive stronger ties, reinforcing Germany's commitment to being a key partner in India's growth journey.





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Experts from Oerlikon Barmag, Oerlikon Neumag and Oerlikon Nonwoven, as well as from BB Engineering, Luwa, IGH/IGA and Thema presented the latest technology developments in the field of manmade fibers production to over 300 participants.

## OERLIKON MANMADE FIBERS SOLUTIONS HOSTED SUCCESSFUL TECHNOLOGY DAY 2025 IN INDIA

**Oerlikon Manmade Fibers Solutions recently hosted its highly anticipated Innovation and Technology Day at the Deltin Hotel in Daman by end of January 2025. The event attracted over 300 participants, including industry experts, partners, and stakeholders, who gathered to explore the latest advancements and trends in the manmade fibers industry in India.**

The Innovation and Technology Day commenced with a warm welcome and introduction by Wolfgang Ernst, Chief Sales Officer (CSO) at Oerlikon Manmade Fibers Solutions, and Debabrata Ghosh, Head of Sales at Oerlikon Textile India. They provided an overview of the Indian market and its challenges. “The Indian textile industry, particularly the chemical fiber sector, is experiencing significant growth and transformation. This development is driven by increasing production capacities, strategic investments, and a shift in global consumption patterns”, said Ghosh.

India’s production of manmade fibers (MMF) is robust, with annual outputs of 4.8 million tons of Polyester Filament Yarn (PFY), 1.7 million tons of Polyester Staple Fiber (PSF), 0.7 million tons of viscose, 0.2 million tons of Polyamide 6 (PA 6), and 25 thousand tons of acrylic. Additionally, the country boasts substantial capacities for PET bottles and films, growing at rates of...

... 7% and 15% per annum, respectively. The Indian market is witnessing significant expansions in PTA (Purified Terephthalic Acid) capacity, with major projects underway by Indian Oil Corporation, GAIL, MCPI, Reliance Industries, and the Adani-Indorama joint venture. These expansions are set to increase the PTA capacity from the current 6.296 million tons to over 14 million tons by 2030.

### Market Dynamics and strategic investments

“The global consumption landscape is shifting towards India and emerging Asia, driven by rising incomes and changing demographics. By 2050, India and emerging Asia are expected to account for 30% of global consumption at purchasing-power parity (PPP), up from 12% in 1997. This shift underscores the growing importance of these regions in the global economic landscape”, Ghosh continues. Significant investments are being made to enhance production capacities and integrate advanced technologies. Indian Oil Corporation, in a joint venture with MCPI, is establishing a 900 TPD continuous polymerization unit in Odisha, supported by substantial government subsidies. Similarly, the Adani Group, in partnership with Indorama, is entering the petrochemical sector with a \$3 billion PTA plant in Maharashtra.



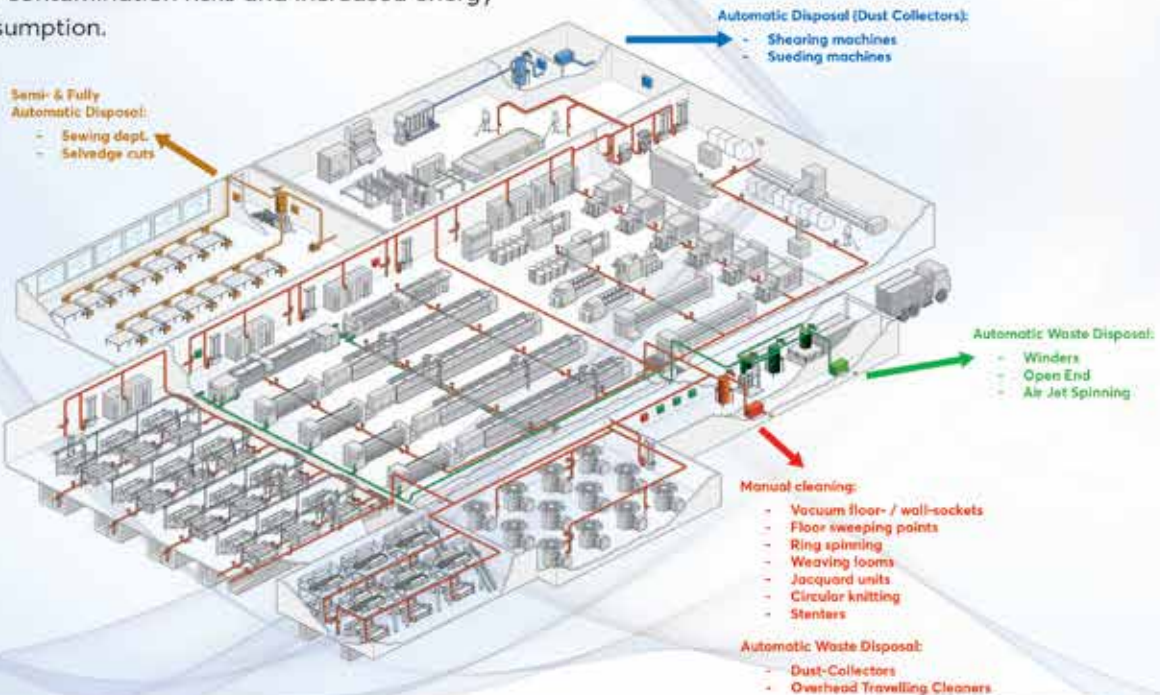
## Over 40 years offering a profitable solution in Central Vacuum Systems

Textile waste is a multifaceted challenge. Waste types include trash and soft waste from open end machines, micro dust from air conditioning plants, soft waste from pneumafil, and hard waste from winding machines. The sheer volume is staggering: a single open-end machine can generate up to six cubic meters of uncompacted waste daily! Multiply this by several machines, and the scale of manual handling becomes a logistical and operational burden leading to inefficiencies, contamination risks and increased energy consumption.

### The Role of Automation: A Game-Changer

Steinemann CVS automated waste management systems present a transformative approach to this problem. By integrating our central vacuum systems into modern textile mills, waste handling becomes seamless and efficient.

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More than 300 participants listened attentively throughout the day and were impressed by the technology solutions presented by the Oerlikon experts

### Challenges and Opportunities

Despite the positive outlook, the industry faces challenges such as ensuring cost efficiency, scalability, and the seamless integration of new technologies into existing production processes. However, the sector is optimistic about improving profitability, driven by favorable supply-demand dynamics and strategic investments. “The Indian textile and chemical fiber industry is poised for significant growth, supported by strategic investments, capacity expansions, and a favorable global consumption shift. These developments position India as a key player in the global textile market, driving towards a sustainable and prosperous future”, said Ernst

After the introduction about the current market situation, the event continued with numerous technical presentations in which Oerlikon and its partners presented their technological and solution expertise along the textile value production chain “From Melt to Yarn, Fibers and Nonwovens”.

“To spin an excellent yarn, you need the perfect melt”, said Moderator André Wissenberg, Head of Marketing, Corporate Communications, and Public Affairs at Oerlikon Manmade Fibers Solutions. How this can be produced using extrusion or continuous polycondensation technology was demonstrated by the keynote speakers Sven Streiber, Regional Sales Director at Oerlikon Barmag, Deepak Lokre, Head of Engineering at Oerlikon Textile India, and Matthias Schmitz, Head of Engineering Recycling Technology at BB Engineering (BBE).

The second session focused on Oerlikon's technology partner for manmade fiber spinning mills. Presentations covered topics such as enhancing manmade fiber production with innovative air engineering, automatic handling solutions and quality inspections, as well as air texturizing solutions. Notable speakers included Praveen Kumar Singh, Managing Director of Luwa India, and Luca Lacitignola, Sales Director at Irico Gualchierani Handling (IGH), Simone Ducceschi, Sales & Project Manager at Thema Systems, as well as Ralf Morgenroth, Head of Engineering Textile Machinery at BBE.

The third session delved into solutions for producing the perfect fibers and yarns, with a focus on Oerlikon Barmag POY/DTY, FDY, IDY technologies as well as Oerlikon Neumag BCF and staple fiber line plants. Presentations were delivered by Philip Jungbecker, Head of R&D, and Guido Dresen, Regional Sales Director, both at Oerlikon Barmag, as well as Chetan Bhagat, General Manager Sales, and Sameer Mehrotra, General Manager Service at Oerlikon Textile India. Ralf Morgenroth added further insights of the compact spinning solution VarioFil from BBE.

### Environmentally friendly recycling solutions

The fourth session highlighted environmentally friendly recycling solutions, featuring insights from Sven Streiber and Sudipto Mandal, Sales and Marketing Manager at Oerlikon Textile India, and again Matthias Schmitz, BBE. They provided a detailed portfolio overview in the field of mechanical and chemical recycling.

The new partnership between Oerlikon Barmag and Evonik was also presented to the audience. Finally, this was followed by a session on customer services and digital solutions, where Michael Ruebenhagen, Head of Global Service Sales and Ivan Gallo, Digital Solutions, both at Oerlikon Manmade Fibers Solutions discussed current upgrade and retrofit options, the Digital Academy, and the future of digitalization in manmade fiber spinning mills. Shared Kulkarnie, General Manager Service Sales & Workshops, as well as Chandru Gurbaxani, Digital Solutions, performed together with their German colleagues.

Participants had the opportunity to network during the event, engaging with experts from Oerlikon, Luwa, IGA/IGH, Thema, and BBE at various marketplaces.

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## A leading provider of **AUTOMATED STORAGE AND MATERIAL HANDLING** solutions in India



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Tall warehouses, upto 40-45 meters can be constructed supported by Racks only.
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- **Safety:** They can be designed to comply with local building codes and safety standards, ensuring that businesses are operating in a safe and secure environment.
- **Faster and easier to construct than traditional warehouses:** Because the racks are integrated into the building's structure, the construction process is more streamlined and requires fewer materials and labor.



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# REDEFINING TEXTILE AUTOMATION WITH INOVANCE'S ADVANCED SOLUTIONS

**Anil Kumar, Managing Director,  
Inovance Technology India**



**Inovance Technology is a global leader in industrial automation, delivering innovative solutions across various sectors, including robotics, elevators, textiles, packaging, and water management. Its headquarters and factory are in Chennai, covering 50,000 sq. ft., with branch offices in Ahmedabad, Mumbai, Noida, Hyderabad, and Surat. The company also has a strong sales presence in cities like Kolkata, Bengaluru, Coimbatore, Visakhapatnam, Pune, Vadodara, Indore, Jaipur and Kanpur.**

Inovance Technology is committed to revolutionising textile automation in India by offering a diverse range of solutions tailored to various production processes. Our advanced automation technology is designed to enhance efficiency, reduce operational costs, and ensure seamless workflow integration.

## **Precision and Reliability in Textile Machinery**

Textile environments present unique challenges, such as fibre lint accumulation and fluctuating thermal conditions that can impact machinery efficiency. Inovance's TD510 series VFD is specifically designed to overcome these issues with advanced features, including an anti-fibre lint entry system that ensures reliable operation by preventing fibre buildup. Its enhanced thermal capability reduces errors and ensures long-term stability, while the bi-...

.. directional cooling fan improves heat dissipation, extending the drive's lifespan. Additionally, its low-maintenance design minimizes downtime, delivering high performance with fewer maintenance requirements.

## **Two-for-One Twister Electric Control System: Compact and Intelligent**

Inovance's TF200 is a groundbreaking solution for Two-for-One Twisting (TFO) machines, featuring a fully integrated control system that eliminates the need for additional PLCs, complex wiring, and battery backup.



# EXPRESS LOAN FOR MACHINERY



## Objective

- Expeditious sanction of term loan through automated platform for purchase of machines/equipment.

## Eligible Expenditure

- Acquisition of Plant and Machinery & equipments.

## Eligibility

- MSME units in operation for at least 3 years.
- Mandatory Udyam & GST Registration.
- Filed Income tax returns for last 3 years.

## Key Features

- Automated loan processing.
- Seamless loan application journey.
- Immediate In-Principle offer.
- Term loan upto ₹ 1 crore.
- Up to 100% financing with FD as collateral.
- Low processing fees
- Quick sanction and disbursement

## Interest Rate & Repayment

- MCLR linked attractive interest rate.
- Repayment upto 5 years.



### Intelligent Power Optimization for Low-Power Applications

Inovance's MD600 is an efficient, cost-effective solution for lower power demands, featuring Automatic Power Optimization that cuts energy costs by 8% under 30% load conditions. Its Thermosyphon Cooling Technology delivers 20x better cooling than traditional systems, while the Independent Air Duct & Bi-Directional Fan prevent fibre lint entry, ensuring long-term reliability in textile environments. Inovance's integrated solutions—including energy-efficient drives, HMIs, PLCs, and motors—help businesses boost productivity, cut costs, and drive sustainable growth.

### Solutions for the Textile Industry

Inovance Technology offers tailored textile solutions like Cotton Spinning, Winding and Twisting, Weaving, Printing and Dyeing and Sewing. Its Cotton Spinning Industry System Solution ensures smooth, energy-efficient yarn production with minimal waste, while the Winding and Twisting Industry System Solution delivers superior control and precision for high-quality output. Inovance's TAJ300-Q7 panel solution enhances the weaving industry system with dedicated controllers, an Anti-Cotton Lint Entry VFD, and a common DC bus VFD design for durability, energy savings, and a compact footprint. The Weaving Industry System Solution optimizes fabric production through advanced automation, and the Printing and Dyeing Industry System Solution ensures precise colour application with energy-efficient dyeing processes. Additionally, the Sewing Industry System Solution automates stitching to boost productivity and minimize

defects, making Inovance a reliable partner in textile manufacturing.

### Conclusion

With automation becoming the cornerstone of textile manufacturing, Inovance Technology's advanced solutions and control systems are designed to maximize efficiency, reliability, and cost savings. By integrating our solutions into textile operations, manufacturers can achieve higher productivity, reduce energy consumption, and minimal maintenance—all contributing to a smarter and more sustainable textile industry.



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# SANSKAR AGRO AND LMW: CREATING NICHE STANDARDS IN COTTON COMPACT SPINNING PROCESS FOR HOSIERY & WEAVING PROCESS



From left to right: Mr. Ankit Singhania, Mr. Pawan Singhania, Mr. Ayush Singhania and Mr. Ashray Singhania

Starting its journey in 2003 as a Ginning and Pressing unit, Sanskar Agro has transformed into a global textile powerhouse. Their journey is one of vision, innovation and relentless pursuit of excellence. The company's venture into spinning, powered by LMW machinery, has become a cornerstone of success.

2024 marks a defining chapter for Sanskar Agro with the launch of Aarika Spintex, their most advanced Spinning facility yet. With a collective spindle capacity of 55,000, Aarika Spintex doesn't just produce yarn, it sets new benchmarks in the industry. From Ne 20s to Ne 40s, the unit manufactures an impressive range of Combed Compact & Carded Compact yarns, ensuring superior quality that exceeds global standards.

"At Sanskar Agro, our philosophy has always been to push the limits of what's possible in the textile industry. LMW has been a key partner in this journey, consistently providing us with the technology and support to turn our vision into reality. Their machinery has not only kept up with our rapid growth but has also enabled us to innovate and lead in quality. Our decision to continue investing in LMW for our newest facility was not just based on performance, but on trust, reliability, and a shared commitment to excellence." - **Dr. Kailash Singhania, (Chairman)**

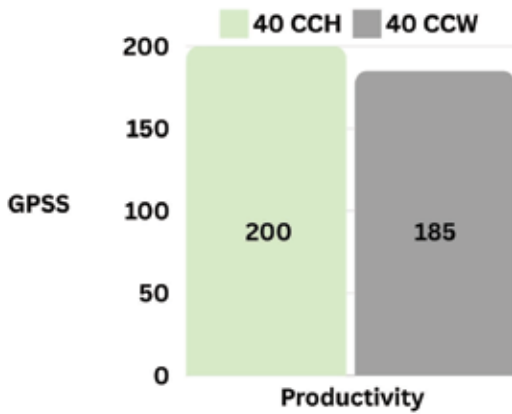


Sanskar Agro's vision extends beyond spinning. They have successfully integrated forward into Circular Knitting which helps enhance their value chain and market competitiveness.

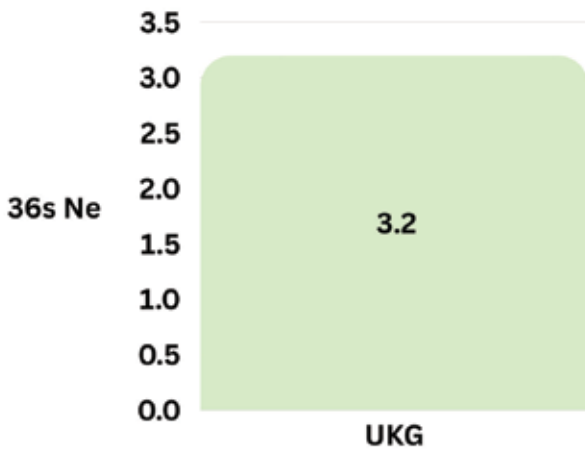
## High Standards in Productivity and Energy Consumption

Producing high-quality yarn with impressive productivity metrics is a point of pride for Sanskar Agro. The units deliver excellent results, achieving 40s CCH at 200 GPSS and 40s CCW at 185 GPSS. By leveraging LMW's advanced technology with energy-efficient drives and motors, they have reached remarkable milestones and have set new benchmarks in the spinning industry.

**Productivity of 40s CCH and 40s CCW**



**Average UKG of the plant**



Their latest unit, Aarika Spinning, is a testament to their dedication to high standards & excellence. The facility features color-coordinated beams that match the LMW machines, along with color-coded cans and bobbins for each section, combining functionality with aesthetic appeal.

**The new plant is equipped with the latest LMW machinery which includes:**

Department	Model	Qty.
LMW Blowroom Line	LA23	1
LMW Card	LC363	14
LMW Draw frame (Breaker)	LDB3	4 Delivery
LMW Lap former	LH20 S	1
LMW Comber	LK69 M	3
LMW Draw frame (Finisher)	LDF3 S	5
LMW Speed frame	LF4280/SX	3
LMW Ring frame	LRI 9 (1824 spindles)	10



“In my experience of managing operations, it’s crucial to have machinery that not only delivers output but does so with consistency and efficiency. LMW machines have proven their mettle, surpassing even some European brands in terms of performance. The reduced service and maintenance costs are significant for us, and the ease of operation further enhances our productivity. This is why we choose LMW every time we scale up.”

**Mr. Sanjay Chaturvedi, Vice President**



With Aarika Spintex, Sanskar Agro is not only enhancing its production capabilities but also setting a benchmark in the textile industry. The blend of high-quality machinery, strategic integrations and an unwavering commitment to excellence positions Sanskar

Agro for continued success and growth in the global as well as the domestic market.

**Together We Spin Success.**

# SHAHI



## & Beyond



# 50 YEARS OF EXCELLENCE

## Shahi's Story of Innovation, Responsibility, and Enduring Legacy

Words by **Shahi - Editorial Team**, [shahi.co.in/blog/](https://shahi.co.in/blog/)

As we mark 50 years, we reflect on a journey defined by purpose—one that has guided us beyond fashion and business. Over the years, Shahi has grown into more than just a manufacturer; we have become a company driven by innovation, sustainability, and a deep commitment to empowering people. This journey began with the vision of our founder, Mrs. Sarla Ahuja, whose dedication and hard work laid the foundation for our growth. Her focus on excellence and attention to detail continues to shape our approach toward our work today.

As we look ahead, we remain committed to a sustainable, purpose-driven path, learning from our experiences and always striving to do more.

### Our Approach to Growth

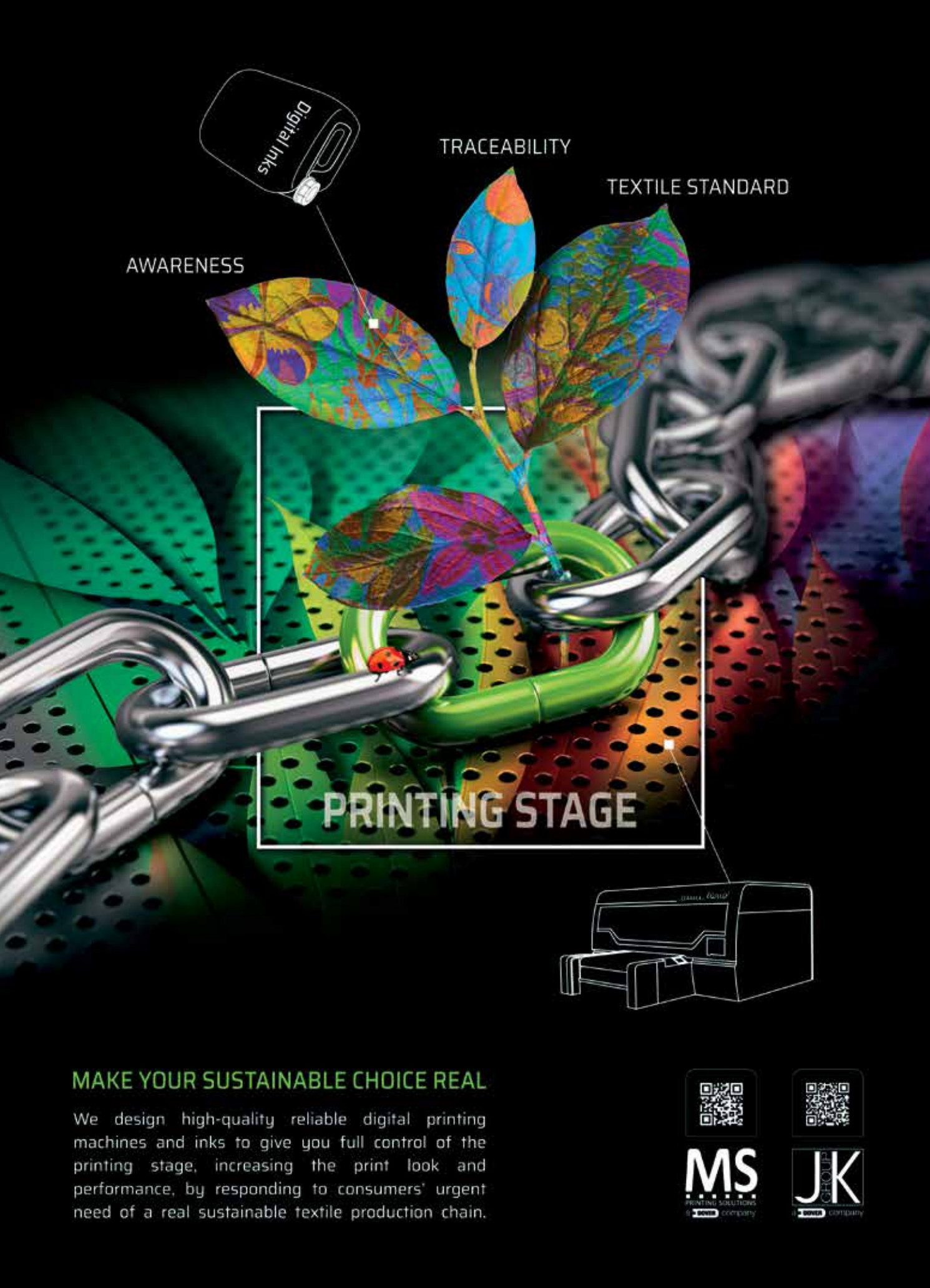
Shahi's journey started with a simple home operation, with just Rs. 5000 as initial capital. From the beginning, the company embraced a mindset of constantly asking, "What more can we do?"



Mrs. Sarla Ahuja

This approach guided us through early challenges and paved the way for growth, starting with our first factory at Ranjeet Nagar in New Delhi. As we scaled our production, we expanded to Okhla and then to Faridabad, continuing to expand our operations and meet the emerging needs of the garment industry.

Woven products, however, are highly seasonal. In the markets in which our brands operated, Shahi saw an opportunity to foray into the Knitted apparel space. This led to the creation of the Knits Division in 2001—a logical step that helped balance our operations. What began with a small office under a tree in Tiruppur soon became essential to our growth, opening up new markets and strengthening our presence, particularly in South India.



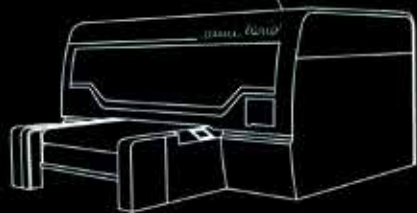
TRACEABILITY

TEXTILE STANDARD

AWARENESS



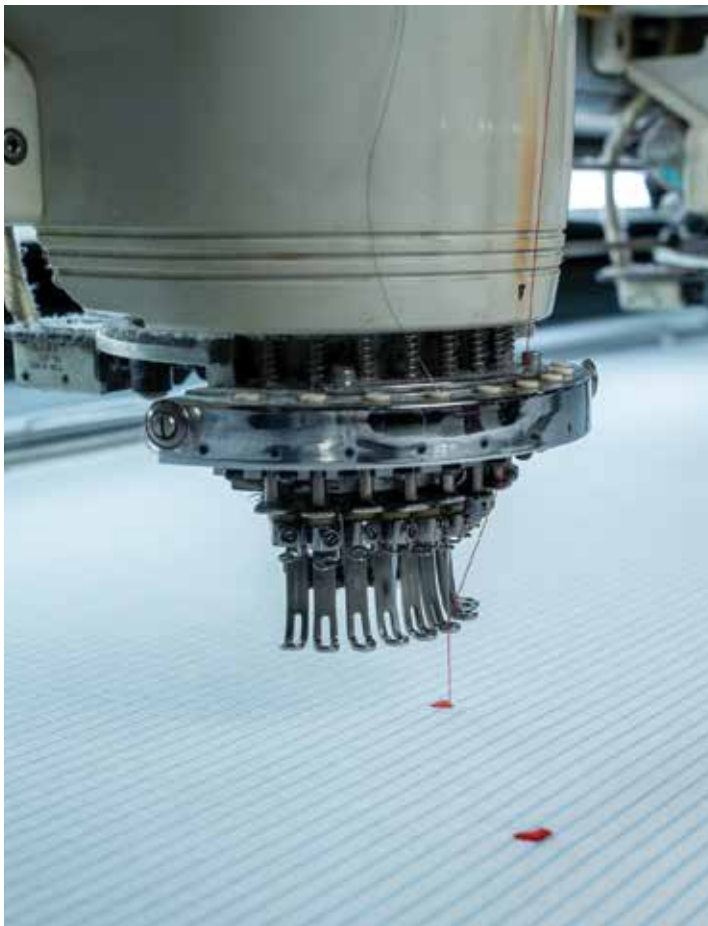
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Mr. Harish Ahuja

By 2005, Shahi was incorporated as a private limited company, a key milestone in our journey. At the same time, we strategically refined our operations by demerging woven operations into two divisions: Ladies Specialty Division (LSD) and Mens and Bottoms (MNB). Alongside the Knits Division, these independent units were given the flexibility to innovate and adapt to market needs while always staying true to Shahi's core values of continuous improvement and quality standards.

#### **From Yarn to Excellence: Driving Vertical Integration**

In 1996, Shahi took a decisive step by establishing its first mill, Sarla Fabrics Ltd. (SFL), in Ghaziabad. What began as a small operation with just 100 workers, SFL set the foundation for our vertical integration strategy. Over time, we expanded to four mills, increasing our capacity to weave 86 million meters and knit 144 megatons of fabric annually. With the expansion, the journey was about transforming the way we approached manufacturing. The ability to control the entire process, from yarn to finished fabric, became essential to maintaining the quality, speed, and traceability our clients expect. Vertical integration allowed us to boost efficiency and ensure consistency.

We didn't just stop at manufacturing apparel — we developed strong capabilities in product design with 3D and VR tools and an accredited lab. We created a seamless process that not only delivers precision but also ensures each garment embodies the quality and innovation Shahi is known for. Today, this approach has made us a one-stop manufacturing destination, capable of meeting the evolving demands of the global apparel industry while maintaining our commitment to excellence and sustainable growth.

#### **Pioneering Sustainable Practices**

In 2010, Shahi embarked on a new chapter with the launch of our Denim Division. Given the resource-intensive nature of denim production, this expansion pushed us to think differently and adopt more sustainable practices. One of the key initiatives was rainwater harvesting, which helped to conserve resources. A couple of years later, we became one of the first to adopt the HIGG standard and Zero Discharge of Hazardous Chemicals (ZDHC) program. By 2018, we saw an opportunity to expand our sustainability efforts even further. We invested in solar power projects in Karnataka's Bellary and Bidar districts to reduce emissions and transition toward renewable energy. These solar plants, combined with our wind energy, now meet 70% of Shahi's energy needs with a goal to achieve 100% by 2026.



# shahi



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Mr. Anant Ahuja

As we continued progressing, the next logical step was tackling waste and moving towards a circular fashion model. In the same year, we worked on the “Arth” collection with C&A, which achieved Cradle to Cradle Certified® Gold status. This collection marked a milestone in our efforts to close the loop in fashion production. These initiatives laid the groundwork for the ‘Responsible for People and Planet’ framework. The framework is a holistic approach that weaves together our environmental and social strategy. Every step, from water conservation to renewable energy and circularity, drives a single goal: to create a sustainable future that benefits both the planet and its people.

**Investing in People**

Our founder believed in the power of skill training to transform lives. Capacity Building empowers people to make a living, drive aspirations, and influence the community around them for good. In the early years, she trained women who were seeking jobs. Mrs. Ahuja would guide them in managing finances, investing in their children’s education, and securing their future. To further support financial independence, Shahi was one of the first factories to introduce ATMs within its factory.

As we grew, we realized the potential of this industry for social impact, with the entry barrier being as low as 60-90 days. Our experience positioned Shahi as a strategic stakeholder in the Textile Sector Skills Council and schemes like the Deen Dayal Grameen Kaushal Yojana under the Ministry of Rural Development.

Since 2013, Shahi has set up over 100 skill centers across 11 Indian states, training more than 51,000 women and youth. We took our founder’s mission a step further by becoming the first manufacturer to pilot Gap Inc.’s Personal Advancement and Career Enhancement (P.A.C.E.) in 2007.

We have trained over 86,000 women in essential soft and life skills like communication, financial management, and work-life balance. Worker well-being at Shahi is backed by collaborative research programs. Our dedication to evidence-based decision-making is reflected in all employee well-being programs. Our partnership with Good Business Lab (GBL) led to the introduction of Inache, a multilingual, anonymous grievance tool that ensures safe and secure employee feedback. As we look to the future, we remain steadfast in building a knowledge base for worker well-being and business growth. With a workforce of over 100,000, 70% of whom are women, Shahi continues to go above and beyond, fostering an environment where every individual is supported, empowered, and valued.

**Looking Beyond**

As Shahi marks 50 years, we reflect on a journey defined by more than just growth—it’s been about challenging norms, pushing boundaries, and driving meaningful change. A commitment to experimentation has marked our legacy. In the competitive garment manufacturing sector, where stagnation is not an option, Shahi has always embraced new ideas. We choose to see an opportunity in the garment sector, where high attrition is often seen as inevitable. We are committed to reimagining the workplace, creating a space where our employees can thrive.

As we look to the future, we are guided by the same ethos that has shaped our past,

“What more can we do?”

With that, we are ready to shape the future of fashion and beyond.





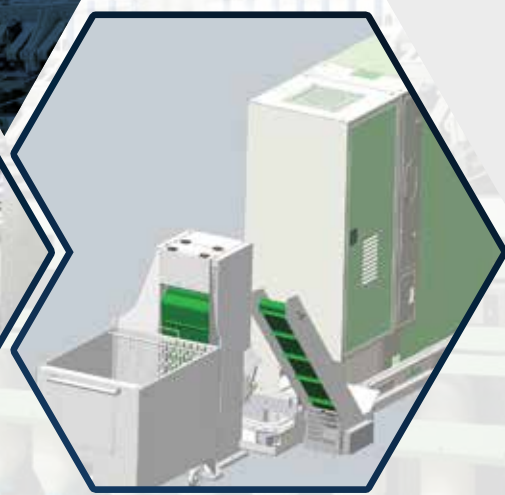
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## TONELLO ACQUIRES FLAINOX: STRENGTHENING ITALIAN EXCELLENCE

**Tonello, the global leader in garment finishing technologies, announces the acquisition of Flainox, a historic company based in Quaregna Cerreto (BI) with over fifty years of experience in the production of dyeing machinery.**

This acquisition not only consolidates the leadership of a fully Italian entrepreneurial group but also marks a key strategic step: Tonello further strengthens its presence in the dyeing industry, expanding its offerings with increasingly specialized solutions to meet the needs of a constantly evolving market. The integration of Flainox will enhance the reach of the sales force, through the sharing and consolidation of target markets, and offer an even broader range of technologies for the industry.

### **A shared future focused on innovation, service, and sustainability**

The acquisition of Flainox represents a unique opportunity to build a shared future, driven by innovation, service, and responsibility. Both companies, deeply rooted in the tradition and values of Made in Italy, are ready to join forces to offer increasingly advanced technological solutions, expanding the range of expertise available to their clients. Flavio Tonello, Board Member at Tonello, emphasizes: "This strategic move will enable us to enhance our respective expertise and...

... continue delivering the excellence the market expects from us." "Integrating Flainox means strengthening our market presence," says Alice Tonello, R&D and Marketing Director. "This step allows us to consolidate our leadership by expanding our product range and ensuring greater global reach." Flainox will continue to operate under its own brand in collaboration with the Tonello team.

**"This acquisition is a pivotal step in our growth journey,"** says Carlo Bonetti, President of Tonello.

**"Partnering with Flainox allows us to bring a strong, innovative group to the global market, while staying deeply connected to tradition and our roots."**



### **A commitment to the future**

With this acquisition, the Tonello group reaffirms its commitment to represent the technological excellence of finishing machinery, with a clear focus on investing in cutting-edge technologies and sustainable processes to further solidify its market position. Together, Tonello and Flainox are ready to write a new chapter of success, uniting their visions and values to tackle the challenges of a constantly evolving market.

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# INOVANCE

# NITIN SPINNERS Announces ₹1,100 CR INVESTMENT

Set to to Expand Spinning, Weaving,  
Dyeing and Finishing Capacities

By K. Gopalakrishnan

## Pioneering Growth with Strategic Capacity Expansion

Nitin Spinners, one of India's leading manufacturers of cotton and blended yarn, knitted fabrics, and woven fabrics, has announced a massive Rs. 1,100 crore investment to expand its production capabilities. This strategic move aims to strengthen its position in the textile industry by significantly increasing its spinning, weaving, dyeing, and finishing capacities. With a focus on high-value products, sustainability, and operational efficiency, the company is set to achieve new milestones in global textile manufacturing. Out of the total investment Rs. 800 crores will be financed through debt and balance will be from internal accruals.

### Scaling Up Production to Meet Demand

The investment will see Nitin Spinners augment its existing infrastructure across spinning, weaving, and finishing. Currently, the company has a spinning capacity of 110 tonnes per annum (TPA). With the addition of approximately 66,096 new spindles, the production capacity will increase by 22.4 TPA, bringing the total to around 132 TPA over the next 24 months. The current capacity of 40 million meters per annum is set to expand by an additional 35 million meters, bringing the total to 75 million meters per annum.



Dinesh Nolkha, Chairman and Managing Director, Nitin Spinners

This expansion will be supported by the installation of approx 66,096 Spindles with production capacity of 22,400 MTPA, 240 Airjet/Rapier looms, along with state-of-the-art dyeing and finishing facilities, further strengthening the company's ability to cater to the growing global demand for premium-quality textiles.

### Robust Revenue Growth

Nitin Spinners clocked a total revenue of Rs. 2,464.36 crore, reflecting a 17.0% year-on-year increase for the first nine months of FY25. This strong performance underscores the company's resilience and growth momentum.





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The company is investing in renewable energy infrastructure, adding 14MW (DC)/11MW (AC) of solar power capacity to reduce its carbon footprint.

Additionally, initiatives like zero-liquid discharge, zero coal usage, and waste reprocessing are being integrated to enhance operational sustainability.

These efforts align with the rising global demand for environmentally responsible sourcing. With many international brands prioritizing sustainability, Nitin Spinners' green...

Commenting on the results, **Mr. Dinesh Nolkha, Chairman and Managing Director**, stated: "The performance for Q3 and 9M has been stable, with improved demand across our product segments. This gives us confidence in sustaining growth and creating value across our operations. Our strategic initiatives are delivering results, and we see significant opportunities for further expansion. As part of our growth strategy, we are announcing capital expenditure across the existing verticals to further enhance our capabilities and widen our product offerings. With momentum building in key areas, we remain focused on improving efficiencies and value additions to drive long-term growth and profitability.

### **Diversifying the Product Portfolio for Market Leadership**

A key driver behind this expansion is the diversification of Nitin Spinners' product portfolio. The company is introducing premium specialty yarns, including Cotton-Linen, Cotton-Modal, Cotton-Viscose, and dyed yarns, aimed at catering to high-margin markets. The move into yarn-dyed and special finish fabrics is expected to unlock new growth opportunities, particularly in the fashion and apparel segments.

Additionally, the expansion will enable greater production efficiency and integration. Approximately 60% of the newly added spinning capacity will be used in-house for fabric manufacturing, ensuring better quality control, reduced dependency on external suppliers and operational costs.

### **Sustainability and Cost Optimization: A Step Towards a Greener Future**

In line with its commitment to ESG (Environmental, Social, and Governance) principles, Nitin Spinners is prioritizing sustainability in its expansion plans.

...initiatives will enable it to secure new partnerships and reinforce its leadership in sustainable textile manufacturing.

### **Enhanced Profitability Through Value Addition & Expansion**

With a focus on high-value, finished woven fabrics, the expansion will drive higher-margin opportunities. The additional 35 million meters of woven fabric capacity will allow the company to strengthen its presence in formal wear, fashion wear, and casual wear segments, catering to menswear, womenswear, and kidswear. Moreover, Nitin Spinners is entering new market segments such as furnishings and specialized technical textiles, including fire-retardant dress materials.

### **Government Incentives to Bolster Growth**

The expansion project qualifies for multiple incentives under the Rajasthan Investment Promotion Scheme (RIPS) 2024. These include interest subsidies, capital subsidies, and electricity duty benefits, which will further enhance the project's financial viability. The support from the government underscores the strategic importance of Nitin Spinners' expansion and its role in boosting India's textile manufacturing sector.

### **Leveraging Cutting-Edge Technology for Competitive Advantage**

Nitin Spinners continues to invest in best-in-class technology and state-of-the-art machinery to enhance cost efficiency and production turnaround times. The company's ability to reprocess waste material further optimizes raw material costs, while its captive solar power plants significantly reduce energy expenses. Additionally, streamlined logistics and a favorable plant location near cotton-producing regions ensure a faster turnaround time (TAT) and cost-effective operations.

### **A BRIGHT FUTURE AHEAD**

Nitin Spinners' Rs. 1,100 crore investment marks a transformative phase in the company's journey. With a focus on capacity expansion, product diversification, sustainability, and cost optimization, the company is well-positioned to capture new market opportunities and drive long-term growth. As global demand for high-quality, sustainable textiles rises, Nitin Spinners is set to emerge as a frontrunner in the industry, reinforcing its legacy as a leader in India's textile manufacturing landscape.

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Polyester Division



- 1736 -



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**THE WADIA GROUP**



## **WADIA GROUP - AN INTRODUCTION**

Wadia Group is one of the oldest conglomerates in India with presence in several diversified businesses, including FMCG, real estate, textiles, chemicals, plantation and food processing. Four companies in the Wadia Group are listed on Indian Stock Exchanges, including Britannia, Bombay Burmah, Bombay Dyeing and National Peroxide.

Its 20 manufacturing facilities have made Group Companies the market leaders in these fields. Besides being a responsible and good corporate citizen, it also has 2 Hospitals in Mumbai and one educational Institute in Pune.

Bombay Dyeing (BDMC), with over 145 years of Textile leadership, is a pioneer in the industry. It ranks amongst reputed marketers of cotton and synthetic fabrics. Bombay Dyeing is one of the oldest and most trusted brand in bed and bath linen. Offering a diverse range of lifestyle-branded home textiles and furnishings, Bombay Dyeing is synonymous with quality and innovations. Our legacy is built on a foundation of excellence, integrity, Sound management and an unwavering commitment to our customers.

## **BOMBAY DYEING - POLYESTER STAPLE FIBRE (PSF) BUSINESS**

Bombay Dyeing was established in 1879 and is a leading Indian brand in textiles, polyester and real estate. Polyester Division was set up in 2007 and is engaged in manufacture of 100% virgin Polyester Staple Fibre (capacity 1,65,000 MT/p.a.) & Textile grade PET Chips (capacity 36,000MT/p.a.) with NGSSS technology from Invista Polyester Technologies and Chemtex International Inc., USA.

NGSSS is well established in other parts of the world and is being adopted for the first time by Bombay Dyeing in India to meet the challenging quality needs of the customer for their PSF. Our plant is the most flexible and large plant, built with future in mind and the latest in technology. The melt conditioning process is such that different products (e.g. Semi Dull, Optical White and Dope dyed Fibre) can be produced simultaneously out of several spinning machines.

The Bombay Dyeing is offering wide range of customized PSF products to meet the customer needs and suitable for various textile and technical applications. Our special finish recipe is patented and suitable for Ring spinning, OE Spinning, Vortex spinning, Non woven-needle punch for various end usage.

Our PSF products are well established in domestic and overseas market for different applications i.e., Apparel, Home Textiles, Technical Textiles, Automotive, Medical, Food Packaging, Engineering & Geo Textiles etc.,

We are an ISO 9001 : 2015, ISO 14001 : 2015, OHSMS 45001 : 2018, REACH Pre registered and Oeko - Tex standard 100 certified company and having BIS (Bureau of Indian Standards) license with very strong and well laid down systems.

## **OUR VISION**

We will offer differentiated PSF speciality products and services in a most economical way and create value for the customers & nation.

## **OUR MISSION**

We will de-commoditise our PSF business and pursue niche markets to have competitive advantage.

## BOMBAY DYEING PSF PRODUCT RANGE

PRODUCT TYPE	DENIER	SUPER MICRO FIBRE	
		SUPER FIBRE	0.5, 0.6 & 0.7 SD SUF
		HIGH TENACITY	0.8, 0.9 & 1.0 SUF (SD, BLACK & OPW)
		MEDIUM TENACITY	0.8, 1.0, 1.1, 1.2, 1.4, 2.0, 2.5, 3.0, 4.0 & 6.0 SD
		SUPER HIGH TENACITY	4.0, 6.0 (SD & OPW) & 8.0 SD
		HIGH TENACITY HIGH ELONGATION	0.8, 1.1 & 6.0 SD; 0.82, 1.0 & 1.2 OPW; 1.2 BLACK / JET BLACK
		OPTICAL WHITE (OPW)	1.4
		OPTICAL WHITE (OPW) LOW PILL	0.8, 1.0, 1.2, 1.4, 2.35, 3.0, 4.0 & 6.0
		BLUISH OPTICAL WHITE (OPB)	2.0 & 3.0
		DOPE DYED BLACK / JET BLACK	1.2 & 1.4
		TRILOBAL	0.8, 0.9, 1.0, 1.2, 1.4, 1.5, 2.0, 3.0 & 6.0
		SPUNLACE	2.0 & 2.5 SD; 2.5 BLACK
		SPUNLACE HIGH ELONGATION	0.9 SUF; 0.8, 1.2, 1.4 & 3.0 SD; 1.2, 1.4 & 3.0 BLACK
		LOW SHRINKAGE	0.9 SUF, 1.2 & 3.0 SD; 1.4 & 3.0 BLACK
SLICK	1.4 & 3.0 SD, 1.4 BLACK		
LOW SECONDARY CRIMPS	0.9 SD & 7.0 HOLLOW		
	1.4 & 3.0 SD		

**FUTURE PLAN  
2025 - 2026**

- ▶ 0.6D SUPER MICRO BLACK
- ▶ CATIONIC FIBRE
- ▶ EASY DYEABLE FIBRE

- ▶ 1.2 OPW ANTIMICROBIAL
- ▶ DOPE DYED NAVY BLUE

- ▶ FLAME RETARDANT (SD & BLACK)
- ▶ ANTI STATIC (1.2 & 1.4 SD)

**CUT LENGTHS AVAILABLE : 32, 34, 38, 40, 44, 51, 64, 76, 102 & 130 MM**

**OUR PRODUCTS ARE MADE FROM 100% VIRGIN POLYMER**

### TECHNOLOGICAL PRODUCT ADVANTAGES

- ▶ Living up to the expectations of downstream processing, our customers have been top most in our minds. therefore, a lot of specific attention has been paid to incorporate and address the following aspects in our polyester staple fibre plant;
- ▶ Consistent performance in a wide range of atmospheric (climate) conditions in the spinning mills. This is achieved through a patented design of the "Spin Finish Applicator". The spin finishes used are from the latest generation imported technologies. These have universal functionality in a wide range of climatic conditions
- ▶ Consistent merge / Lot with assured uniform Dyeing.
- ▶ Due to generation of very low 'Oligomers' the deposit of 'white powder' on the machines is almost negligible, more specifically on ring rails, Air jet, Vortex and open - End rotors.
- ▶ Due to a special design, the turbulence of spinning thread lines is well controlled. This leads to polymer with narrow linear weight distribution and therefore, the CV % of various quality parameters of our PSF are the best. This translates in to superior quality yarn; therefore the yarn manufactured from Bombay Dyeing PSF has better RKM and narrow CV%.
- ▶ Since this is a fully automatic and integrated plant with high productivity and spinning speeds, the residual time of polymer is comparatively less than other polyester plants. Additionally the low temperature of polymer produces better quality of polymer resulting in better and consistent quality of polyester Staple Fibre. This therefore translates in to trouble free downstream processing of fibre with less breakages in spinning mills.
- ▶ Due to lower values of Dry heat shrinkage (DHS) in our PSF, the fibre yield is better than other brands of PSF.

**From the year 2018, we introduced a new product namely "SUPER FIBRE" in all Fine and Super fine deniers. By using this fibre spinning mills are achieving ever high productivity with better yarn quality**

## **PRODUCT ADVANTAGES TO YARN SPINNERS AND END USERS**

### **DENIER**

- Denier on finer side which will give uniform quality yarn with softer feel and silk like appearance to the Fabric / apparels and also, It leads to improve fibre performance as well as productivity in the spinning.
- Best CV% of various quality parameters achieved resulting in superior quality of yarn.
- Consistent Merge with assured uniform Dyeing.

### **TENACITY**

- Yarn manufactured from Bombay Dyeing PSF has better yarn CSP & RKM and narrow yarn CV % and likely to give higher spinning speeds & productivity in the spinning mills even with lesser TM.

### **DHS% (DRY HEAT SHRINKAGE)**

- Lower values of Dry Heat Shrinkage (DHS) in our PSF gives better yield.

### **SPIN FINISH**

- Patented Design of Finish Applicator & Use of latest Generation imported recipe for Spin finish, having Universal functionality in wide range of climatic conditions resulting in better working and less fly generation.

### **DYEABILITY / DYE INDEX**

- Uniform dye pickup from Lot to Lot is achieved due to extraordinary efforts from plant teams and dedicated Spinning and Fibre Lines are most suitable for all blends and 100 % Polyester.

## **Marketing Regional Offices**

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**(Mumbai, Regional Office & Corporate Office)**  
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Ballard Estate, Mumbai - 400 001,  
Tel. (022) 66620004

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Fax. (0452) 2373019

**(Factory)**

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At the certificate handover ceremony (from left to right): **Leo Franke** Senior Sales Manager BD; **Anurag Gupta** Director, Usha Yarns Ltd; and **JG AHUJA**, Sales Agent, Batliboi Ltd

## USHA YARNS ACHIEVES BELLEO CERTIFICATION FOR EXCELLENCE IN RECYCLED YARNS

**Usha Yarns Ltd, a leader in sustainable textile production, has been awarded the prestigious Belleo certification for its exceptional quality of recycled yarns, produced using Saurer BD semi-automatic rotor spinning machines. This achievement underscores the company's commitment to innovation, sustainability, and tech excellence in the sector.**

### A Decade of Collaboration and Innovation

Under the leadership of Mr. Anurag Gupta, Managing Director of Usha Yarns, the company has set industry benchmarks in recycled rotor spinning, leveraging extensive research and development collaborations with Saurer over the past decade. These advancements have not only strengthened Usha Yarns' position in the market but have also contributed to the evolution of high-quality recycled yarns in India and globally. Highlighting the efficiency of Saurer BD machines, Mr. Gupta stated, "High productivity, high take-up speeds, and exceptional spinning stability prove the outstanding performance of Saurer BD."

### Commitment to Sustainable Solutions

Headquartered in Mohali, Punjab, Usha Yarns specializes in converting pre-consumer garment waste and recycled PET bottles into premium pre-dyed recycled yarns. The Belleo certification not only reinforces Usha Yarns' dedication to delivering eco-friendly, high-quality yarns but also highlights the advanced capabilities of Saurer's BD machines in ensuring consistent productivity, and sustainability.

### Driving the Circular Economy Forward

As a key player in the circular textile economy, Usha Yarns continues to push the boundaries of sustainable manufacturing. With this latest milestone, Usha Yarns reaffirms its role as an leader, setting new standards in recycled textile innovation while advancing the shift toward responsible production.



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## SHIVA TEXYARN TO HIGHLIGHT CUTTING-EDGE TEXTILES AT BHARAT TEX 2025

Coimbatore-based Shiva Texyarn Limited has long been synonymous with innovation and excellence in the textile industry. As a pioneer in the field of technical textiles, the company has consistently pushed boundaries, earning recognition for its cutting-edge solutions and branded product successes. Now, Shiva Texyarn is gearing up to make its mark at the highly anticipated Bharat Tex 2025 trade fair, set to take place in New Delhi.

**In an exclusive conversation, Dr. S.K. Sundararaman, Managing Director of Shiva Texyarn, shared insights into the company's latest advancements and its excitement for the upcoming event.**

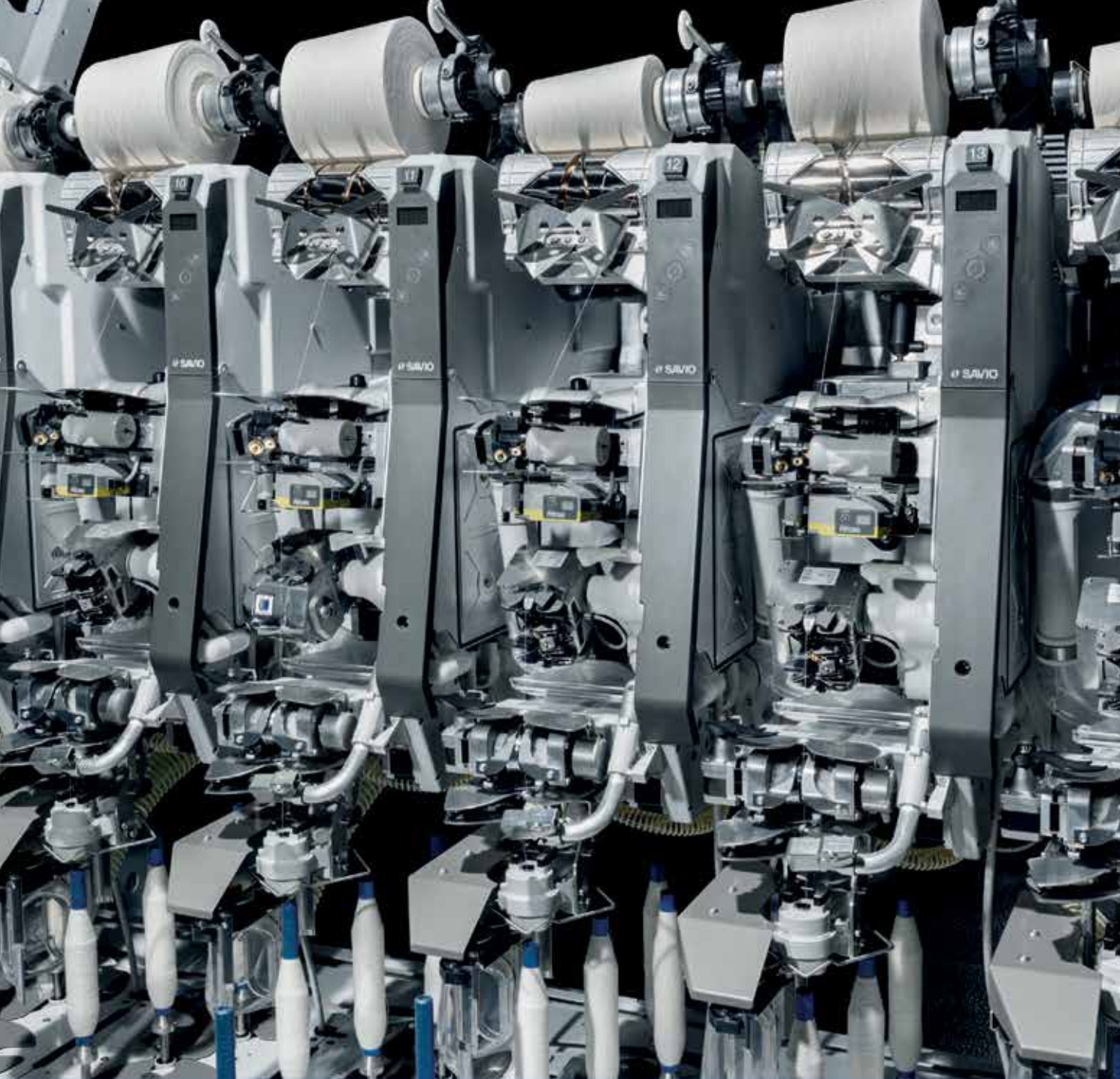
Speaking about Bharat Tex 2025, Dr. Sundararaman remarked, "Bharat Tex is a remarkable initiative that unites stakeholders from around the globe. The Government of India and Export Promotion Councils deserve immense appreciation for creating such a dynamic platform. We are proud to be part of this event and are eager to leverage it as an opportunity to accelerate our growth journey."



**Dr. S.K. Sundararaman**, Managing Director

### Recent milestone

Shiva Texyarn had recently announced a significant milestone by securing a major order from the Indian Air Force. When asked about this achievement Dr. Sundararaman shared, "Yes, we recently secured two key orders from the Indian Air Force. One involves the supply of NBC (Nuclear, Biological, and Chemical) protective suits, and the other one is for haversacks which is a complementary product to the suits. These products are part of our long-standing expertise in defence garmenting. For over a decade, we've been a trusted supplier of NBC gear to the Indian Armed Forces, working closely with DRDO technology."



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### Evolution over the years

Shiva Texyarn has undergone remarkable evolution over the years. Reflecting on this journey, he said, “Shiva Texyarn began as a cotton spinning company but has since transformed into a leader in technical textiles. Our focus now is on coating, lamination, and garmenting, with a strong emphasis on defence and specialized textiles. We are proud to be the largest supplier of extreme cold-weather clothing systems for the Indian Army and a pioneer in NBC protective suits.”

### The company’s product range includes:-

- Defense-focused products like extreme cold-weather clothing, NBC suits, and haversacks.
- Customizable technical fabrics for civilian use, such as digitally printable wallpapers and high-absorbent microfiber textiles.
- Consumer apparel through our brands: ‘Coppersmith’, a women’s fashion line, and ‘Brullen’, an outerwear range.

“Globally, we serve markets across Japan, the US, Middle East, Europe, and India, with products tailored for both defense and civilian applications,” he added.

### Innovation focus

Shiva Texyarn has always been known for its strong innovation focus. Highlighting some of the recent technological achievements of the company, Dr. Sundararaman said, “Innovation is integral to what we do. Some of our key breakthroughs include:

- Breathable Waterproof Coatings: Industry-leading technology using water-soluble chemistry.
- Activated Carbon Layers: Critical for NBC garments, produced with advanced lamination techniques.
- Digitally Printable Materials: Custom wallpapers and textiles with high-quality sublimation printing. □ Specialized Microfiber Fabrics: High absorbency for applications in outerwear, towels, and T-shirts.

These innovations stem from our in-house capabilities, which include coating, lamination, and fabric formation, enabling us to create unique solutions.”



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### Expanding product portfolio

While defence remains a significant part of Shiva Texyarn's business, the company is now actively expanding into civilian markets. Elaborating on the same he said, "Our brands, Coppersmith and Brullen, reflect this diversification, offering stylish yet functional garments. Additionally, we continue to innovate in technical textiles for industries beyond defense, ensuring a broad market reach."

### Recent investments

The company has recently invested in a state-of-the-art machine for manufacturing outerwear and jacket shells, featuring sophisticated seam-sealing capabilities. "Additionally, we've enhanced our production of pile fabrics with new raising and shearing machines. We're also expanding our capabilities in MMF (man-made fiber) fabric production through consistent investments. These advancements align with our commitment to innovation and capacity building," Dr. Sundararaman stated.

### Future plans

When queried about the future direction of the company Dr. Sundararaman said, "We aim to maintain our leadership in technical textiles while broadening our global presence. Our focus will remain on innovation, sustainability, and delivering cutting-edge products for both defense and civilian markets." "While the spinning industry has been relatively muted, our other business segments have performed...

... exceptionally well. Our defense order books are robust, with commitments extending until March of the next year. This steady growth reflects our strategic focus on high-value, specialized markets," he said.

### Optimistic outlook

Sharing his outlook for the Indian textile and technical textile industry, Dr. Sundararaman said, "The Indian textile market is largely driven by domestic consumption, which has grown significantly in volume and sophistication. While India exports around \$40 billion in textiles annually, domestic consumption exceeds \$100 billion. Shiva Texyarn is leveraging this opportunity by creating branded products under an online-first model. Our focus on branded offerings like Coppersmith (women's athleisure) and Brullen (outerwear) caters to evolving consumer preferences." "Additionally, we are expanding our export markets, with strategic emphasis on Japan and Russia, particularly in cold-weather clothing. Our unique value proposition and specialization position us for robust growth," he remarked.

### Bharat Tex 2025 beckons

Highlighting what Shiva Texyarn will be showcasing at Bharat Tex, Dr. Sundararaman said, "At Bharat Tex visitors can find us at Hall No: 12 A, Stall No: D35/D36. We'll highlight our expertise in garmenting, including outerwear, polo T-shirts, and women's athleisure under our Brullen and Coppersmith brands. We'll also present innovations in coated fabrics, such as digitally printable wall coverings & showcase our advanced knit fabric capabilities."

"Bharat Tex is the largest textile platform in India, with global participation. It provides a unique opportunity to connect with international buyers and showcase our capabilities on a global stage. Events like these are crucial for building visibility and expanding our market reach. Bharat Tex aligns perfectly with our strategy to engage both domestic and global audiences," he said.



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**Biji Chacko**, Group Chief Operating Officer



**Jayesh Saxena**, CEO - Home Textiles Division

# ALOK INDUSTRIES: INNOVATION AND SUSTAINABILITY IN HOME TEXTILES

## *A Grand Comeback at Heimtextil 2025*

By **K. Gopalakrishnan**

**Alok Industries** marked its strong resurgence at Heimtextil in Frankfurt, showcasing a diverse range of innovative and sustainable home textiles. The company's participation underscored its commitment to cutting-edge textile solutions, reinforcing its leadership in the global home textile industry.

In an exclusive discussion, Mr. Biji Chacko, Group Chief Operating Officer, and Mr. Jayesh Saxena, CEO - Home Textiles Division, shared insights into Alok Industries' latest product innovations, strategic market positioning, and sustainability initiatives that drive growth.

### **Pioneering Innovation in Home Textiles**

Alok Industries presented a well-curated portfolio of bed and bath linen, with a strong emphasis on technology and sustainability. The key highlights included:

**Signature Collection with Recron Performance Fibers** – Developed in collaboration with Reliance Performance Fibers, this futuristic collection blends advanced polyester and cotton technologies, integrating features like Cooltex for superior performance.

**Sustainable Offerings** – The company introduced an array of eco-friendly products, incorporating recycled polyester, biodegradable polyester, and 100% organic cotton. A significant innovation was the launch of ultra-soft towels without PVA, aligning with global sustainability trends.

**Kasturi Cotton Initiative** – The launch of Kasturi cotton-based sumptuous living towels marked a major step towards promoting India's domestic cotton industry while delivering premium products to global consumers.

Mr. Chacko emphasized, "Our renewed focus on product diversification and technological advancements has been well received by our customers, creating significant market opportunities."

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### Home Textiles: Key Contributor to Growth

As one of the largest integrated textile companies in India, Alok Industries has a robust infrastructure that supports its leadership in the home textiles segment. The company operates vast capacities in weaving and processing, producing close to 9 million meters of fabric per month, making it a preferred partner for global retailers and sourcing agencies.

“Our home textile division is expected to contribute significantly to the company’s revenue,” said Mr. Chacko. “With our extensive infrastructure, we are well-positioned to cater to the growing global demand efficiently.”

### Competitive Edge: A One-Stop Solution

Alok Industries differentiates itself in a competitive landscape dominated by manufacturers from Pakistan and Bangladesh through its end-to-end integration. The company’s unique advantages include:

**Complete Vertical Integration** – With a captive spinning unit and an extensive weaving facility equipped with state-of-the-art looms, Alok Industries ensures superior quality and efficiency.

**Innovative & Sustainable Product Development** – The company stays ahead by continuously introducing new and improved textile solutions that meet evolving consumer preferences.

**Global Recognition** – With a strong customer base spanning the U.S., Europe, the UK, and other international markets,...

... Alok Industries is a trusted name in high-quality home textiles.

### Sustainability at the Core

Sustainability remains central to Alok Industries’ operations, integrating both compliance-driven and process-driven initiatives. The company actively works on reducing water consumption, minimizing waste, and improving overall efficiency in manufacturing. Mr. Saxena highlighted, “Sustainability is not just about raw materials; it’s a holistic approach that includes responsible manufacturing, efficient resource utilization, and transparent supply chains. With Reliance as our parent company, we have access to high-quality recycled and biodegradable polyester, strengthening our commitment to eco-friendly production.”

### A Powerhouse in Cotton and Polyester Textiles

Alok Industries is uniquely positioned as one of India’s largest vertically integrated textile companies, spanning both cotton and polyester segments. The company’s facilities are strategically located in Vapi and Silvassa, catering to a diverse global customer base, including retail brands, textile importers, private labels, and domestic retailers.

**Cotton Segment** – Fully integrated from spinning to weaving, processing, finished fabrics, bedsheets, towels, and garments.

**Polyester Segment** – Beginning with continuous polymerization, Alok produces polyester chips, POY, FDY, DTY, and PSF, ensuring complete control over the value chain. The company’s scale, flexibility, and deep market understanding provide a significant edge over competitors.

### Strengthening Market Position

With its robust infrastructure, innovation-driven approach, and commitment to sustainability, Alok Industries is poised for sustained growth in the home textile market. By continuously pushing the boundaries of textile technology and eco-friendly solutions, the company is set to reinforce its leadership and create long-term value for stakeholders.

As Alok Industries makes a strong global comeback, its participation at Heimtextil serves as the beginning of a new chapter—one defined by excellence, innovation, and sustainability in the textile industry.



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Tiruppur-based K.M. Knitwear Private Limited and Jeyavishnu Clothing Private Limited, both integral parts of the K.M. Group, stand as a testament to India's robust textile industry. As a fully integrated textile conglomerate, their operations span the entire spectrum from fiber to fashion. The company is now gearing up to make a strong impact at Bharat Tex 2025, a premier trade show set to be held in New Delhi.

"Our entire team is eagerly looking forward to Bharat Tex. It is a matter of pride for us to participate in a trade show that showcases the growing strength of the Indian textile industry," says **K.M. Subramanian, Chairman of K.M. Knitwear and President of the Tiruppur Exporters' Association (TEA)**, in an exclusive interview.

#### A promising year for the textile industry

Reflecting on the performance of the textile and apparel industry in 2024, Subramanian shares, "The year has been definitely good for the industry in India and particularly for Tiruppur. The Tiruppur cluster has bounced back after the Covid period. With the easing of geopolitical tensions globally, the buying power has increased. We are getting good orders."



**K.M. Subramanian**, Chairman of K.M. Knitwear

## SHOWCASING EXCELLENCE: K.M. KNITWEAR AT BHARAT TEX 2025

By M. K. Prabhakar

He further highlights the consistent growth in the knitwear sector, stating, "There has been an average growth of around 15% continuously over the last six months. Tiruppur's strong infrastructure and its reputation as a green cluster have helped it perform better than others."

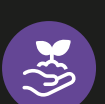


#### India: A stable sourcing destination

Subramanian believes that India has emerged as a preferred sourcing hub on the global stage. "Over the last few years, geopolitical uncertainties have led many international buyers to seek alternative sourcing destinations. India has positioned itself as a stable and reliable alternative. Many leading American companies are now looking towards factories in Tiruppur for their supply needs. This bodes well for the future of the Tiruppur cluster," he explains.

Tiruppur's strengths, according to Subramanian, lie in its commitment to sustainable and ethical business practices. "We are an Environmentally, Socially, and Governed (ESG) cluster. Our manufacturing units are equipped with modern infrastructure, and this has propelled our growth.

**These factors give us the confidence to achieve our ambitious target of Rs. 1, 00,000 crore in exports by 2030,"** he asserts.



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### **K.M. Knitwear's expansion plans**

Expressing satisfaction with K.M. Knitwear's performance in 2024, Subramanian states, "The year has been very good for us. Earlier, we were heavily dependent on the European market, but over the last three years, we have successfully made inroads into the American market. Today, our American business constitutes about 40% of our turnover. Our group's turnover has also crossed the Rs. 1,200 crore mark. With all these positive indicators, we remain optimistic about success in the future."

To bolster its growth, K.M. Knitwear has made significant investments in infrastructure. "As part of our expansion plans, we invested Rs. 400 crore two years ago in setting up a new spinning unit and expanding our dyeing facility. These initiatives have strengthened our production capabilities and will support our long-term growth aspirations," he adds.

### **Driving industry growth through TEA**

Under Subramanian's dynamic leadership, TEA has taken multiple initiatives to further strengthen Tiruppur's position as a knitwear hub. "We are fortunate to have the guidance of Dr. Sakthivel, the founder-president of...

... TEA. The collective efforts of all TEA members have enabled Tiruppur to become an ESG-compliant cluster. Initiatives such as 100% Zero Liquid Discharge (ZLD) and the generation of around 2000 MW of green energy have helped us carve a niche for ourselves," he explains.

### **Preparing for the future**

Speaking about TEA's upcoming initiatives, Subramanian highlights the importance of adapting to global industry standards. "By 2027, international norms regarding traceability will come into effect. The concept of a digital passport for garments will become crucial. With just a scan of a label, consumers will be able to access details such as the garment's manufacturing date, location, and production processes. We have already partnered with international agencies to prepare for these changes, and we will keep the industry updated on these developments," he says.

## **ALL SET FOR BHARAT TEX 2025**

The entire team at K.M. Knitwear is eagerly anticipating Bharat Tex 2025. "We will be showcasing our entire product range at this year's edition. The previous edition saw impressive footfalls, and we expect an even greater turnout this year. We have secured a larger booth, (HALL NO 4F, STALL NO T6) and our team is looking forward to engaging with visitors from around the world," Subramanian concludes with enthusiasm.

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# INDIA

## A BRIGHT SPOT IN

# Staubli's

GLOBAL FOOTPRINT AMID  
GLOBAL CHALLENGES IN 2024

For Switzerland-based Staubli, a manufacturer of leading textile machines such as shed forming devices (dobbies, cam motions and jacquard machines), warp preparation (automatic drawing-in machines, tying machines) or complete weaving systems for carpet weaving or technical weaving, the company witnessed India performing better than other economies, positioning it as a bright spot in Staubli's global footprint across various countries.



Fritz Legler, Marketing Officer

By Arun Rao

“When concerning the Indian textile industry, Indian companies seem to be benefitting from the China+1 policy. So our customers in India are receiving more orders from their various export markets. India has a growing footprint for Staubli and is a very relevant market for our company. Secondly, India is among the top five global markets for Staubli,” Marketing Officer, Mr. Fritz Legler said.

### Staubli's in 2024: An Overview

“As we provide very high-quality textile machinery technologies and the fact that we have a long-standing relationship with our customers across the globe, including India, 2024 was certainly a challenging year, but we are happy with the results of 2024,” he added, when speaking about Staubli's performance worldwide in 2024. Challenges for various companies, including Staubli, in 2024, included higher energy costs, inflation, lack of demand, and geopolitical tensions in various regions across the globe—factors that were not conducive to new investments in the textile industry.

### Surat Textile Industry: A Hub of Innovation and Investment

“We have noticed that the Surat textile industry is investing in advanced weaving preparatory or shed-forming technologies and are able to compete with any competitors offering cheaper technologies in Surat. We have a very good installation base in Surat, so it is a very important...

...market for us. We have set up an office, a spare parts warehouse, and also have a technical and after-sales service team stationed in Surat. This helps us to stay close to our customers,” Mr. Legler remarked. The Surat textile industry is investing in high-end and high-speed weaving machines, which has led to a surge in demand for Staubli's Dobbies, Jacquard machines, and Cam Motions.

### Optimism for 2025: Confidence in Surat's Textile Industry

“We can see the textile industry of Surat buzzing with enthusiasm, and we see more confidence in 2025 than what we saw in 2023 and 2024. India, by itself, is a very big market with a vast young population, and so although there are ups and downs in the textile industry, the Surat textile industry will perform remarkably well,” he observed while expressing optimism about the region. According to Mr. Fritz Legler, Surat is also recognized as a global manufacturing hub for diamonds, and since the diamond industry has been in a lean phase for the past few years, entrepreneurs from the diamond industry are increasingly looking to the Surat textile industry as a potential investment destination.



### Regulatory Challenges: Opportunities for Growth

“The weaving companies are the real entrepreneurs of the Surat textile industry. But they are facing a slew of regulations from the government which is hindering investments. If these regulations are optimized, it will help the weaving companies grow their business, resulting in increased investments. This, in turn, will create more job opportunities & help the country grow,” he said.

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**Sanjay Jain**, Group CEO

## **PDS STRENGTHENS GLOBAL SUPPLY CHAIN WITH ACQUISITION OF KNIT GALLERY, TIRUPUR**

**PDS has announced a strategic milestone in its expansion efforts with the acquisition of a 55% stake in Knit Gallery India Pvt Ltd (KGIPL). This acquisition highlights PDS's focus on diversifying its sourcing footprint and leveraging India's strategic role in the fashion and textile industry to support its growth ambitions.**

PDS has announced a strategic milestone in its expansion efforts with the acquisition of a 55% stake in Knit Gallery India Pvt Ltd (KGIPL). This acquisition highlights PDS's focus on diversifying its sourcing footprint and leveraging India's strategic role in the fashion and textile industry to support its growth ambitions.

PDS's expansion of manufacturing capabilities to India aligns with its strategic focus addressing geo-political disruptions while diversifying sourcing locations. This move enables access to new customers, drives scale in India, and strengthens our ability to increase sourcing volumes in countries where we have a manufacturing presence, ensuring resilience and growth in a dynamic global landscape. As India gains prominence as a global textile and apparel hub, PDS is strengthening its position in this dynamic market, contributing to the industry's growth and development.

This addition signifies not only our growth but our unwavering commitment to excellence, meeting the ever-evolving needs of the industry. PDS is acquiring 55% stake in KGIPL for an equity consideration of ₹41cr, subject to diligence and documentation.

**Speaking on the acquisition, Pallak Seth, Executive Vice Chairman mentioned** "Our strong sourcing foundation is complemented by our state-of-the-art manufacturing facilities in Bangladesh and Sri Lanka, which uphold the highest standards of sustainability and compliance. With this strategic addition, we are not only strengthening our garment manufacturing expertise but also reaffirming our commitment to the Make in India initiative and advancing the future of sustainable manufacturing."

### **Performance**

PDS demonstrated sustained growth momentum in 9M FY25, achieving a topline of ₹9,052cr, reflecting a 26% year-on-year growth. While other regions continued their positive trajectory, North America emerged as a key driver with robust growth of 70%. Over the last 4 years, the gross margin of the company has expanded by 4% aligning with PDS's strategic focus on expanding its "Solutions & Services" offering. With a healthy order book of \$425 million, PDS remains well-positioned for sustained performance during the year.

**Sanjay Jain, Group CEO**, shared insights, stating, "Our Q3 and 9M FY25 results highlight PDS's ability to navigate a dynamic global landscape while maintaining strong growth momentum. With robust growth in North America and a strong order book of \$425 million, we remain committed to driving sustainable value creation, fostering innovation, and enhancing synergies across our operations to deliver excellence to our stakeholders."



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## **MAH TECH: Transforming India's Textile Industry with Cutting-Edge Solutions**

India's textile industry, with its deep-rooted legacy and global acclaim, has long been a beacon of craftsmanship and innovation. From the ancient Silk Road to the global demand for fine Indian fabrics, this sector has played a pivotal role in shaping trade and culture across centuries. As the world's preferences shifted towards industrial efficiency and sustainability, the Indian textile industry had to evolve rapidly to maintain its competitive edge. At the heart of this transformation has been MAH TECH, a Chennai-based pioneer and an offshoot of White House, which has supported the textile industry's journey for over three decades. Established in the early 1990s, MAH TECH began as an agent for imported textile machinery, and over time, it has become synonymous with innovation, quality, and service excellence, empowering the industry to navigate its challenges and seize new opportunities.

## **Blending Tradition with Innovation**

India's textile industry, renowned for its rich heritage and craftsmanship, is navigating a competitive global landscape. Rising costs of raw materials, energy, and labor are challenging traditional methods, necessitating innovative approaches. MAH TECH bridges the gap between legacy..

... craftsmanship and modern demands by introducing state-of-the-art technologies that enhance productivity, efficiency, and sustainability in dyeing and finishing processes.

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MAH TECH specializes in providing cutting-edge solutions from globally reputed brands. Its offerings include dispensing systems, dyeing machines, and finishing machines designed to optimize production with minimal water and energy use. These technologies ensure consistent, high-quality outcomes while reducing human intervention. Additionally, its automated dispensing systems, guided by the motto "Right First Time and Every Time" deliver precise chemical and dye measurements, minimizing waste, cutting costs, and promoting environmental sustainability.

## **Unparalleled Service Excellence**

MAH TECH's dedicated team of experienced technicians ensures seamless installation, commissioning, and maintenance of machinery, enabling uninterrupted production for clients. Over the years, this commitment to excellence has earned the company repeat orders and widespread trust in the textile sector.

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Suchita Oswal Jain, Vice-Chairman and Joint Managing Director of Vardhman Textiles

# VARDHMAN TEXTILES

**MASSIVE EXPANSION  
PLAN TO STRENGTHEN  
MARKET LEADERSHIP**

A Defining Moment in  
Vardhman's Growth  
Journey

Vardhman Textiles Limited, one of India's most renowned and vertically integrated textile manufacturers, has announced an ambitious expansion plan with a total investment of Rs. 2,350 crores. The investment will be deployed across two major projects: a Rs. 2,000 crore expansion in spinning, weaving, and technical textiles, and a Rs. 350 crore enhancement in its fabric processing capacity at the Budhni facility in Madhya Pradesh. This strategic initiative underscores Vardhman's commitment to bolstering its manufacturing prowess, addressing growing market demand, and reinforcing its position as a leader in the global textile industry.

## **Rs. 350 Crore Investment in Fabric Processing Capacity Expansion**

As part of its commitment to scaling up operations, Vardhman Textiles has approved a Rs. 350 crore investment aimed at expanding the processing capacity of its Vardhman Fabrics facility in Budhni, Madhya Pradesh. This expansion will increase the processed fabric capacity from 175 million meters per annum to 206 million meters per annum, marking an 18% increase in production capability. The decision to expand is backed by the facility's 90%+ capacity utilization rate, reflecting robust demand and operational efficiency.

- Key Highlights of the Fabric Processing Expansion
- Existing Capacity: 175 million meters per annum
- New Capacity Addition: 31 million meters per annum
- Total Investment: Rs. 350 crore
- Financing Mode: Internal accruals and debt
- Expected Completion: Within two years

## **Strategic Rationale and Market Impact**

The expansion aligns with Vardhman's strategic vision of catering to the growing domestic and export demand for premium processed fabrics. With fabric exports witnessing steady growth and a rising preference for high-quality textiles in India, the new capacity will allow Vardhman to efficiently tap into new opportunities. By leveraging its market leadership, the company aims to enhance value addition, improve economies of scale, and reinforce its reputation as a trusted global supplier.

# Concepts Beyond Conventional Sustainable Innovative Chemistry

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## MICRO - 6070

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## MICROTREAT

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## MICRO - B 312

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## Greenwash - PC

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## MICRO - TM

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Stain removal  
properties



**Neeraj Jain,**  
Joint Managing Director  
Vardhman Textiles

### **Rs. 2,000 Crore Investment in Spinning, Weaving, and Technical Textiles**

Vardhman Textiles has also announced a Rs. 2,000 crore investment plan, aimed at strengthening its spinning and weaving divisions while marking its entry into technical textiles. This multi-faceted expansion plan reflects the company's strategic direction toward modernization, sustainability, and product diversification.

#### **BREAKDOWN OF INVESTMENT AREAS**

##### **Spinning Expansion (Rs. 1,000 crore)**

- Addition of 5,520 rotors and 17,000 spindles
- New open-end spinning project equivalent to 35,000 spindles
- Modernization of 60,000 spindles, replacing them with 77,000 spindles
- Improved productivity and efficiency in the spinning segment

##### **Fabric Manufacturing Expansion (Rs. 300 crore)**

- Routine modernization and debottlenecking to increase capacity
- New project focused on manmade fiber-based fabrics
- Addresses a critical gap in India's textile industry
- Expected completion by 2025

##### **Technical Textiles Foray (Rs. 320-330 crore)**

- Initial production capacity: 15 lakh meters per month
- 70-80% polyester and 20-30% nylon-based textiles
- Target segments: Sportswear, activewear, industrial textiles, defense applications
- First-of-its-kind investment in organized technical textiles manufacturing
- Sourcing filament externally, focusing on in-house weaving and processing

##### **Green Energy & Sustainability Initiatives**

- Increasing green energy usage from 2.5-3% to 25-30%
- Investment in solar and wind energy projects
- Reduction in utility costs and carbon footprint
- Strategic Factors Driving the Investment

##### **The Rs. 2,000 crore investment is shaped by several factors:**

The "China Plus One" Strategy: With global brands diversifying their sourcing away from China, India has emerged as a major alternative for textile manufacturing. This has led to a strong influx of brands seeking high-quality textile solutions from India.

Government Policy Support: Policies such as the RoDTEP scheme and other trade incentives have reduced the cost disadvantages of importing cotton, making domestic textile production more competitive. Growing Global Demand: International brands are looking for quick delivery times and product variety, making an expansion in spinning, weaving, and technical textiles crucial for meeting market demands.

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### Vardhman's Competitive Edge in the Global Textile Industry

With this large-scale investment, Vardhman Textiles is cementing its position as a leader in both traditional and specialized textile segments. The company's vertically integrated structure, commitment to sustainability, and focus on high-value products give it a competitive advantage over its peers.

#### Key Differentiators

- **Complete Vertical Integration:** Vardhman operates a fully captive spinning, weaving, and processing facility, ensuring stringent quality control and production efficiency.
- **Innovation in Sustainable Manufacturing:** The company is at the forefront of green textile production, using recycled polyester, biodegradable polyester, and organic cotton.
- **Market Diversification:** Vardhman's presence spans the U.S., Europe, UK, and other key global markets, reducing reliance on a single economy.
- **Technical Textile Leadership:** The foray into sportswear, defense textiles, and industrial fabrics will provide long-term growth opportunities.

### A Defining Phase in Vardhman's Growth Story

With a Rs. 2,350 crore investment plan, Vardhman Textiles is embarking on one of its most significant expansion phases. The company's strategy of enhancing traditional textile manufacturing, entering technical textiles, and investing in sustainable energy is poised to reshape the industry landscape. As the projects unfold over the next two years, Vardhman is set to emerge stronger, more diversified, and well-equipped to meet global demands, reinforcing its stature as a leading force in the textile sector.



By capitalizing on new market opportunities, leveraging sustainability as a core principle, and adopting cutting-edge manufacturing technologies, Vardhman Textiles is not only driving its own growth but also strengthening India's position as a global textile powerhouse.

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# SANTONI & VICKERS OILS UNITE FOR SUSTAINABLE PERFORMANCE ON INNOTAS MACHINE

**After two years of rigorous testing and trials Santoni, the leading Italian manufacturer of circular knitting machines, officially recommends Vickers Oils SPOTLESS NX 32 needle lubricant for use on their innovative INNOTAS machine.**

Santoni developed the INNOTAS, a single jersey knitting machine which has been designed to manage lint. Thanks to a patented self-cleaning system, the accumulation of fibres, fluff and lint, are eliminated from the knitting head. The machine doesn't require scheduled maintenance, thus saving time and avoiding the complications that can arise from such operations.

## About the lubricant

SPOTLESS NX32 is a high quality, easily scourable, self-emulsifiable mineral based needle lubricant. Based on high quality, highly refined mineral oil incorporating an anti-oxidation additive system, the lubricant has excellent stability, resisting oxidation and breakdown of the oil even at prolonged high operating temperatures leaving an excellent lubrication film. SPOTLESS NX has been formulated to be compatible with rubber seals, plastic and electronic components that are present on modern knitting machinery.

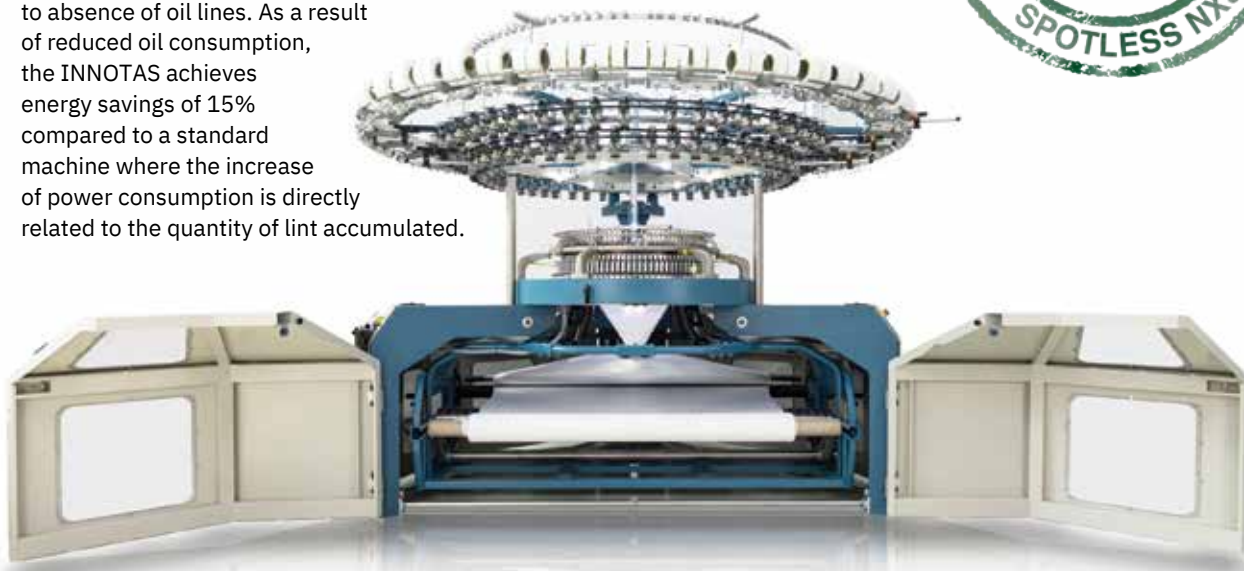
## The Partnership

The INNOTAS self-cleaning system offers a 50% reduction in oil consumption, leading to absence of oil lines. As a result of reduced oil consumption, the INNOTAS achieves energy savings of 15% compared to a standard machine where the increase of power consumption is directly related to the quantity of lint accumulated.

Complimenting the above benefits, SPOTLESS NX provides an excellent oil film strength due to its high-quality formulation, maintaining high performance and achieving the same level of efficiency even with reduced oil consumption. The Vickers Oils Knitting machine lubricant leaves a low amount of oil residue on the finished fabric therefore a shorter washing cycle can be chosen, adding to the energy saving benefits.

Furthermore, SPOTLESS NX 32 has been awarded the ZDHC MRSL level 1 certification and meets the clearly defined criteria set out by the Global Organic Textile Standard (GOTS). Sharing similar values of focusing on technological developments and providing high quality solutions, both companies are dedicated to reducing their environmental impact and advancing towards a more sustainable future. We look forward to continuing and strengthening our partnership whilst providing quality solutions to help the textile industry stay ahead of the global shift to a more sustainable world.

Established in 1919 as the first Italian sock knitting machine manufacturer, Santoni is now worldwide known for its circular electronic knitting machines. Know-how, research and technological development have always been the pillars of the company.





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# IOC INVESTS ₹4,382 CRORE FOR YARN MANUFACTURING

By K. Gopalakrishnan

**Indian Oil Corporation Limited (IOC), a name synonymous with energy and innovation in India, has made a significant foray into the textile manufacturing sector. In a landmark decision during its board meeting on December 20, 2024, the company announced an investment approval for a state-of-the-art yarn manufacturing project in Bhadrak, Odisha. This marks a pivotal step in Indian Oil's diversification strategy, aligning with the growing synergy between petrochemicals and the textile industry.**

The project, with an estimated investment of ₹4,382.21 crore, is being undertaken as a 50:50 joint venture with MCPI Pvt. Ltd. Indian Oil's equity contribution to this ambitious venture will be ₹657.33 crore. This collaboration underscores the company's commitment to leveraging its expertise in petrochemicals for the production of high-quality textile intermediates.

**A Cutting-Edge Facility in the Making:** The upcoming yarn project will feature a 900 TPD..

...Continuous Polymerization (CP) unit, equipped with advanced downstream units for manufacturing Draw Textured Yarn (DTY), Fully Drawn Yarn (FDY), and polyester chips. These products are vital components in the textile industry, widely used in the production of apparel, home furnishings, and industrial textiles. The facility will also include associated infrastructure to ensure seamless operations, with a focus on efficiency, sustainability & cutting-edge technology.

Bhadrak, Odisha, was strategically chosen for this project to leverage its proximity to raw materials, existing industrial infrastructure, and robust connectivity, making it a promising hub for manufacturing.

## **Strengthening India's Textile Ecosystem**

This investment reflects IOC's vision of contributing to India's burgeoning textile industry, which is a critical pillar of the country's economy. By integrating advanced polymerization technology with textile manufacturing, IOC aims to enhance domestic production of polyester yarns, reducing dependency on imports and supporting the government's 'Make in India' initiative. The project also holds the potential to create significant employment opportunities in the region, driving socio-economic development in Odisha and boosting India's position in the global textile market.

## **Collaboration with MCPI: A Strategic Alliance**

The joint venture with MCPI Pvt. Ltd., a recognized leader in polyester and textiles, brings complementary strengths to the table. With MCPI's expertise in the textile value chain and Indian Oil's dominance in petrochemical production, the collaboration is poised to deliver world-class products that meet the evolving demands of the textile industry. With this investment, Indian Oil Corporation reaffirms its commitment to innovation, sustainability, and supporting India's march towards self-reliance in key industrial sectors. The Bhadrak project is not just a milestone for IOC but also a stepping stone towards transforming India to a manufacturing hub.

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**Dr.P. Alli Rani,**  
Director, SVPISTM

## SVPISTM AT BHARAT TEX: A HUB OF QUALITY EDUCATION AND CUTTING-EDGE TEXTILE RESEARCH

**Sardar Vallabhbhai Patel International School of Textiles and Management (SVPISTM) has established itself as a premier institution dedicated to excellence in textile science and management education. Since its inception in 2002 under the Ministry of Textiles, Government of India, Coimbatore-based SVPISTM has been at the forefront of providing world-class education, training, consultancy, and research to meet the growing demand for skilled professionals in the ever-evolving textile industry.**

As SVPISTM gears up for its participation in the highly anticipated Bharat Tex 2025, we had the opportunity to speak with Dr. P. Alli Rani, Director of SVPISTM, to gain insights into the institution's participation at the event and the exciting initiatives taking place at the college.

### **Bridging the gap in textile education**

Speaking about the core focus behind establishing SVPISTM, Dr. Alli Rani, emphasized the critical need for specialized professionals in the textile industry. "To position India as a global leader in textiles, we need experts with deep knowledge of...

...both technology and management. While many Indian institutions offer textile technology courses, there was a significant gap, especially when it came to higher education in textile management. SVPISTM was founded to bridge this gap," she explained.

### **India's strength in sustainability and natural fibres**

Dr. Alli Rani also underscored the strategic importance of specialized textile institutions, particularly in the context of India's inherent strengths.

"India is already a global leader in textile resources. One of our greatest advantages is sustainability. While man-made fibres (MMF) dominate Western markets, there is now a strong global shift towards sustainable alternatives. Sustainability leads us back to natural fibres—an area where India stands unrivaled in diversity and production capacity," she noted.

### **Developing future textile leaders**

To fully harness India's textile potential, a new generation of highly skilled professionals is essential. "Understanding textiles requires more than just knowing how to transform fibre into a finished product. It involves expertise in chemical compositions, processes, and sustainability. This is where generalist knowledge falls short. We need specialists who have an in-depth understanding of textiles, which is precisely what our UG programs offer."

"Building on this foundation, our UG and PG courses—designed with a strong industry focus—equip professionals with the leadership and strategic skills necessary to propel India towards global dominance in the textile sector," she elaborated.

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### PG Programmes – 2 years

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- MBA – Apparel Management
- MBA – Retail Management
- MBA – Technical Textile Management
- MBA – Textile Business Analytics
- M.Sc – Textile and Apparel Science (Approval Awaited)



#### **‘Vegetable Leather’ @ Bharat Tex 2025**

Sardar Vallabhbhai Patel International School of Textiles and Management (SVPISTM) is set to make waves at Bharat Tex 2025 with its groundbreaking vegetable leather—an eco-friendly, biodegradable alternative to traditional animal leather. Developed by upcycling fruit and vegetable waste combined with coarse wool, this innovative material is a testament to SVPISTM’s commitment to sustainable research-driven education.

“Designed with enhanced thermal insulation properties, this sustainable textile aligns with the global movement toward environmentally responsible materials and holds strong commercial potential in international markets,” said Dr. P. Alli Rani. “To validate its market feasibility, we will be showcasing a range of prototype products, including men’s overcoats, ladies’ sling bags, leather purses & garments for both kids and adults at our booth,” she added.

Developed in SVPISTM’s chemistry laboratory, the vegetable leather formulation utilizes specialized sheet-forming agents to enhance structural integrity and durability. This waste-to-product innovation not only champions sustainability but also offers a practical solution for reducing agricultural and textile waste. To ensure market readiness, the material has undergone advanced surface treatments for enhanced smoothness and durability. Recent testing at the South Indian Textile Research Association (SITRA) has confirmed its structural and functional viability, reinforcing its potential for widespread adoption. As the global demand for biodegradable and eco-conscious...

... materials accelerates, SVPISTM’s vegetable leather is poised to revolutionize the sustainable textile industry—further solidifying the institute’s role as a pioneer in green innovation and a catalyst for a more sustainable future.

#### **Excited to be at Bharat Tex 2025**

As Bharat Tex 2025 approaches, excitement is building at Sardar Vallabhbhai Patel International School of Textiles and Management (SVPISTM). With the event promising to be bigger and better than ever, the institute is gearing up to showcase its courses, as well as latest innovations, including sustainable solutions that highlight its commitment to eco-friendly textiles.



“Yes, we are all excited about Bharat Tex 2025! We are confident that this edition will be bigger and better than ever before. We eagerly look forward to welcoming visitors from around the world to our booth 12A-D48e: explore our programs and research initiatives,” said Dr. Alli Rani.

“As an institution that takes great pride in its research-driven approach, one of the key highlights at our booth will be our groundbreaking ‘vegetable leather’—a sustainable innovation that exemplifies our commitment to eco-friendly textiles. We are excited to showcase its potential at this prestigious global trade show. Plus the exhibition also gives our students an opportunity to get to know about the various technological advancements in the field of textiles, as well as interact with industry professionals,” she concluded.



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# EXPANDING GLOBAL BUSINESS WITH CONSUMER INSIGHTS

At Heimtextil 2025, Frankfurt, **Mr. Keyur Parekh, CEO & Whole Time Director of Global Business at Welspun**, shared insights into the company's recent performance, strategic initiatives, and future outlook.

By K. Gopalakrishnan

## Explore Welspun's 'The White Space Lab'

Welspun Living, a key player in the global home textiles industry, has continued to navigate market challenges while reinforcing its position as a leader in innovation and customer-centric solutions. From enhancing consumer experiences to expanding manufacturing capabilities in the U.S., Welspun is steadfast in its commitment to shaping home textiles industry.

### Navigating Market Challenges with Strategic Agility

The past year has been marked by multiple challenges, including supply chain disruptions, prolonged transit times, and rising raw material costs. Inflationary trends have altered consumer spending habits, making it imperative for brands to reassess their strategies. Despite these obstacles, Welspun Living has not only sustained its market presence but also expanded in key regions by adopting an aggressive brand and licensing strategy.

**"Consumers increasingly sought comfort and reliability in uncertain times, and Welspun's commitment to quality and innovation resonated deeply with Global consumer values, ensuring our products became a trusted choice in households & hotel partners worldwide."** Mr. Keyur explained.

### 'Quiet the Noise': A Consumer-Centric Approach

A standout theme at Welspun's Heimtextil showcase was 'Quiet the Noise,' a concept rooted in extensive consumer research. Recognizing the overwhelming nature of modern marketing and product choices, Welspun aims to simplify decision-making for consumers.

"Our research has shown that consumers are often inundated with excessive information, which can be distracting. By focusing on design, tactile appeal, and value-driven performance, we aim to make our products speak for themselves and thereby delivering a delightful shopping experience for consumers," said Mr. Keyur.

This philosophy is reflected in Welspun's latest product innovations, which emphasize quality, comfort, and aesthetic appeal.

### The White Space Lab: Harnessing AI for Consumer Insights

A key initiative driving Welspun's innovation is The White Space Lab, an AI-powered research and analytics tool that provides deep insights into consumer preferences. By integrating data from online and offline shopping behaviors, The White Space Lab enables Welspun to tailor its offerings to evolving market needs through engaging storytelling, design, innovation, and a deep understanding of consumer needs.

"This AI-driven tool allows us to better understand the latent needs of Consumers globally, helping our retail and hospitality partners make informed decisions," Mr. Keyur explained. In addition to guiding product development, The White Space Lab supports Welspun's expansion into utility bedding and essential home textiles.

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### Expanding the Sleep Solutions Portfolio

Welspun Living has made significant strides in the sleep solutions segment, with a particular focus on revolutionizing Sleep and Comfort for the US consumers. The company recently launched a state-of-the-art fully automated pillow manufacturing facility in the United States, marking a major step in completing its comprehensive sleep solutions offering.

Welspun anchors its footprint as a 'Sleep Destination' in the US with its latest facility that the Retail partners & Hotel chains look forward to.

"Welspun is revolutionizing Sleep with its patented Gx™ technology, designed to enhance sleep quality and recovery. The range of pillows featuring unique resistance bands, are designed to provide engineered support and resist flattening over extended use. Imagine laying your head on a pillow that feels just as supportive and luxurious as the first time you used it, night after night. This thoughtful design ensures that your sleep experience is consistently restful and rejuvenating, making every night a little more special.", said Mr. Keyur.

### Expanding Global Business

Welspun Living has long been a market leader in the U.S. home textile industry. The company's presence in the North American market is marked by its dominance in Bath Category. Additionally, the company is among the top suppliers of Bed & Bath linens to both Retail and Hotel chain Strategic Partners.


"Welspun Living, in 2024, has successfully expanded its global business in key focused markets like Europe, UK, Japan, Middle East & Australasia across Home Textile, Advanced Non Wovens, and Floor Textiles categories. Additionally, the company has leveraged its strategic hotel chain partnerships and expanded its presence with a comprehensive global network.", Mr. Keyur emphasized.

### Future Outlook: Resilience Amid Global Uncertainties


Despite geopolitical uncertainties and economic fluctuations, Welspun Living remains optimistic about the future of the home textiles industry. The company believes in adapting to dynamic market conditions while continuing to invest in research, innovation, and strategic expansions. "Yes, global challenges persist, but our focus remains on delivering value, enhancing consumer experiences, and strengthening our market leadership globally," Mr. Keyur noted. "By staying agile and committed to excellence, we are confident in our ability to navigate any uncertainties ahead."

Welspun Living's journey is a testament to its resilience, innovation, and strategic vision. By prioritizing consumer insights, embracing cutting-edge technology, and expanding its global footprint, the company is poised for sustained growth in the home textiles industry. As it continues to 'Quiet the Noise,' Welspun is setting new benchmarks in Market Leadership, Quality & comfort.

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# PREMIER LOOMS

## DOMINATING THE SHUTTLE WEAVING MARKET IN SURAT

By Arun Rao

Ashish Amin, Director at Premier Looms



### Commitment to Quality and Durability

Premier Looms Pvt Ltd, established in 1976, has become a leading manufacturer of shuttle weaving looms, with a market share of 70%, when considering current sale of shuttle looms in Surat. Known for producing looms and their components using the highest quality castings, Premier Looms ensures minimal wear and tear of spare parts. Despite this, the company remains committed to continuous improvement by studying and enhancing the durability of parts based on feedback from users.

### Customer-Centric Approach to Spare Parts

"We study the reason for the wear and tear of the spare and then improvise the same spare part so that the wear and tear is further reduced," explained Mr. Ashish Amin, Director at Premier Looms. "Our customers, even those with up to 5,000 looms, do not need to maintain large inventories of spares, and we even replace faulty parts free of charge if they need replacement within 18 to 24 months." This customer-focused strategy has led to widespread trust in the quality of Premier Looms' machines.

### Innovation in Shuttle-less Looms: The Water-Jet Loom

As the availability of labor has decreased in recent years, many weavers have shifted to shuttle-less looms. In response, Premier Looms introduced India's first Waterjet loom in 2022 with a width of 190 cms, designed, developed, and manufactured entirely in India. The new loom boasts components and spares of the same high quality as its shuttle looms. Mr. Amin highlighted the key advantages of the Waterjet loom: "The biggest advantage is....

....that it allows weavers to weave two sets of smaller width fabrics simultaneously, which is not available in Chinese-made looms. Our Beater's high performance aids better fabric formation, especially for fabrics with high GSM, and we have also reduced electricity consumption by about 10% compared to Chinese machines."

### Unmatched Market Share and Growing Demand

Surat is home to around 12-15 lakh shuttle looms, with Premier Looms having supplied around 70% of them. Despite the industry's evolving trends, demand for Premier Looms' shuttle looms continues to grow, as evidenced by a recent order for 700 looms from a new entrepreneur, with plans to acquire another 700. Mr. Amin proudly shared, "If we consider our current sale of shuttle looms, we have a market share of 70% in Surat alone."



### The Growth of Surat's Weaving Industry

Over the past few decades, Surat's weaving industry has undergone significant growth, driven by an influx of migrants from Mehsana district and Saurashtra region in Gujarat. These migrants' investments have played a crucial role in expanding the industry.

### Looking to the Future: Airjet Looms and Market Expansion

Premier Looms continues to innovate, with plans to introduce Airjet looms by 2026. As Mr. Amin noted, "We expect that the Surat weaving industry will continue to progress in the future. Weaving work from regions such as Varanasi, West Bengal, and Karnataka, especially in jacquard and embroidered fabrics, has shifted to Surat due to its ability to produce these fabrics at lowest cost in India."



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# GREENHOME FURNISHINGS

Set to unveil new  
collections at  
**Bharat Tex 2025**

By M. K. Prabhakar & Mohanraj

**Dr. Sudha Anand,**  
Director, Greenhome Furnishings

**Greenhome Furnishings Private Limited is the sustainable home textiles division of BKS Textiles, a vertically integrated woven fabric manufacturer and exporter established in 1985. The company is a sustainability-driven textile manufacturer, distinguished by its innovative approach, process orientation, and stakeholder-centric philosophy. Specializing in a diverse range of home textile products, Greenhome Furnishings produces bed linens, duvet covers, quilts and comforters, throws, blankets, as well as table and kitchen linens.**

#### **New launches**

Greenhome Furnishings is poised to make a significant impact at Bharat Tex 2025 with its pioneering 'Ekoscious' sustainable bed linen collection. In an exclusive interview, Dr. S. Sudha Anand, Director of Greenhome Furnishings, elaborates on their latest innovations. "At Greenhome, our 'Ekoscious' brand represents a curated collection of sustainable bed linens. We are excited to unveil two new product lines....

...under this brand at the event: **1. 'PETRA' Collection** – Bedsheets made from biodegradable recycled polyester. **2. 'Cottonext' Collection** – Sheets crafted from recycled cotton."

#### **Sustainable product range**

Discussing the company's broader product range, Dr. Sudha Anand shares, "We maintain a sharp focus on sustainable home textile solutions. The 'Ekoscious' brand now encompasses nine collections, incorporating an extensive variety of sustainable fibers. These include 100% organic cotton, linen and blends, hemp and blends, Tencel and blends, bamboo and blends, recycled polyester, recycled cotton, and biodegradable recycled polyester."

#### **Strengthening global presence**

Greenhome Furnishings has been steadily expanding its global footprint, with exports constituting 90% of total sales and domestic sales accounting for the remaining 10%. Key export destinations include the UK, EU, USA, and Australia. "For the domestic market, we have launched the 'Swaas' brand, designed specifically for Indian consumers, with a steadfast focus on sustainability," she notes.

#### **Robust manufacturing capabilities**

Highlighting the company's strong manufacturing infrastructure, Dr. Sudha Anand explains, "Greenhome Furnishings operates a dedicated Cut & Sew facility equipped with 400 sewing machines, allowing us to produce approximately 8,000 sheet sets per day. Recently, we expanded our capabilities by adding more than 150...

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..sewing machines, and we plan to further increase our production capacity in response to market demand.”

### ‘AWE’- inspiring sustainability roadmap

Greenhome Furnishings has consistently been at the forefront of sustainability, following a well-structured roadmap known as ‘AWE’:

- A - Afforestation: Committed to increasing green cover, the company has planted over 7,000 trees.
- W - Women Empowerment: Led by a woman, the company prioritizes gender inclusivity, boasting a workforce where over 60% of employees are women.
- E - Energy Efficiency: The Cut & Sew facility is a Gold LEED-certified green building, reflecting the company’s dedication to energy-efficient operations.

### Buoyant outlook

Discussing growth prospects in the Indian textile sector, Dr. Sudha Anand expresses confidence in India’s ability to scale up exports. “Given the challenges faced by other textile- producing nations, India is well-positioned to experience exponential export growth. As a cotton-growing country with abundant manpower resources, India is fully equipped to meet the anticipated surge in demand. Additionally, the domestic market is expanding rapidly, driven by greater awareness of home improvement products and increasing consumer spending power. These factors collectively indicate a promising trajectory for textile industry.”

### Greenhome Furnishings’ Vision

Outlining the company’s future plans, Dr. Sudha Anand emphasizes, “We aim to broaden our customer base and drive higher sales. In terms of investment, we will...

... continue expanding our sewing capacity in alignment with market requirements while maintaining our commitment to sustainable textile production.”

### Excitement for Bharat Tex 2025

Dr. Sudha Anand anticipates Bharat Tex 2025 to be a grander affair than the previous edition. “We expect a significant increase in visitors, as India is emerging as a preferred sourcing destination due to challenges faced by other textile-producing countries. The recent launch of ‘Kasthuri Cotton’ has further strengthened India’s global recognition for high-quality, traceable cotton, giving us a competitive advantage over other cotton- producing nations.”

She also highlights the growing momentum in India’s domestic market. “In recent years, there has been a substantial increase in domestic demand, and we anticipate a surge in inquiries for domestic supply at Bharat Tex. We warmly welcome visitors from across the globe to visit our booth at Hall No. \_\_\_\_, Stall No. \_\_\_\_, to explore our sustainable offerings,” she wraps up.



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### OUR CAPACITY

UNIT NAME	MACHINE CAPACITY	PRODUCTION CAPACITY
K M Knitwear Private Limited (Spinning Division)	72000 spindles	60 Tons / Day
Jeya vishnu Clothing Private Limited (Dyeing Division)	Sample Machine - 6 No's   Bulk Machine - 19 No's	50 Tons / Day
Knitting Division	50 No's	12 Tons / Day
Embroidery Division	11 No's Sequence - 1 No's	7 million stitches per day
Placement Printing (MHM - 12 Colours / Oval - 20 Colours)	5 No's	55000 Pcs / Day
All Over Printing - Stormac (11 Colours)	2 No's	15 Tons / Day
Sewing	5000 No's	100,000 pcs / Day
Corrugated Box	2 Sets	1500 Boxes / Day

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“We are committed towards developing, not only niche quality products that customers are looking for, but also in continuing to build a future ready company that our customers take pride in being associated with for the long term.”

Having founded the KM Group of companies over 25 years ago, we have grown into an environmentally friendly, fully vertical conglomerate with over 18 facilities, including spinning mills and captive solar plants.

**We are dedicated to creating niche, high-quality products while building a future-ready company that customers can trust for the long term. If you value quality and commitment in a vendor partner, your search ends with the KM Group.**



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# MAKE IN INDIA MAKE FOR THE WORLD!

## STRENGTHENING INDIA'S POSITION IN GLOBAL TEXTILE PRINTING

*As the only Indian manufacturer among an elite group of global players, ColorJet is setting new benchmarks for high-tech textile machinery.*

## PIONEERING DIGITAL PRINTING IN INDIA

Through continuous R&D and a deep understanding of the industry's requirements, **ColorJet evolved from manufacturing small-scale printers to high-production digital textile machines.**

**Sustainability is at the heart of ColorJet's product development.** The company has made remarkable strides in waterless digital printing technology, ensuring minimal environmental impact.

The Visionary Leadership of

**MR. MADHU SUDAN DADU**

**COLORJET'S GLOBAL IMPACT**

“India has immense potential to become a global hub for digital textile printing. At ColorJet, we are committed to bridging the gap between India's traditional textile expertise and modern technology.

**Madhu Sudan Dadu**  
Founder & Managing Director of ColorJet India Ltd



**ColorJet India has emerged as a formidable force in the global digital printing industry, seamlessly blending innovation, sustainability & performance technology. Founded and led by Mr. Madhu Sudan Dadu, the company has redefined textile printing with a “Made in India, Made for the World” ethos. Through relentless R&D, state-of-the-art manufacturing, and a commitment to sustainability, ColorJet is strengthening India’s position as a global leader in digital printing solutions. In an exclusive interview, Mr. Dadu shares insights into ColorJet’s growth, technological advancements, and its vision for the future of digital textile printing.**

**A VISIONARY APPROACH:  
TRANSFORMING DIGITAL PRINTING**

From its inception, ColorJet has embodied innovation. Mr. Dadu recalls the company’s journey: “We ventured into digital printing at a time when its potential was yet to be fully realized. India’s textile heritage, combined with evolving global market needs, presented an opportunity for us to lead the transformation. We knew that by developing sustainable and cost-effective digital printing solutions, we could change the landscape of textile manufacturing.”

Through continuous R&D and a deep understanding of the industry’s requirements, ColorJet evolved from manufacturing small-scale printers to high-production digital textile machines.

Today, the company competes with European, Korean, Japanese, and Chinese manufacturers, establishing India’s technological prowess on the global stage.

**Sustainable Innovation: The Core of ColorJet’s Growth**

Sustainability is at the heart of ColorJet’s product development. The company has made remarkable strides in waterless digital printing technology, ensuring minimal environmental impact.

“Our focus is on ‘green printing’— technologies that reduce water and energy consumption while maintaining the highest quality standards. The future of textile printing lies in sustainable practices, and ColorJet is leading this shift,” states Mr. Dadu.

*The company specializes in two categories of textile printing:*

**Sublimation (Transfer) Printing** – Primarily used for polyester-based textiles.

**Direct-to-Fabric Printing** – Enabling printing on various natural and blended fabrics using reactive, disperse, and pigment inks. This method eliminates the need for pre-washing, significantly reducing water usage.

Through ColorJet’s sustainable initiatives, manufacturers can now adopt eco-friendly production processes without compromising efficiency or cost-effectiveness.



### Expanding the Scope: From Printing to End-to-End Solutions

ColorJet goes beyond just digital printing; it offers complete workflow solutions. The company provides pre-treatment, printing, and post-treatment solutions, ensuring a seamless production process.

“We are not just a printing machine manufacturer; we are a solutions provider. Our goal is to enhance the efficiency of textile manufacturers, allowing them to produce superior-quality fabrics with minimal waste,” says Mr. Dadu. This comprehensive approach has solidified ColorJet’s presence in international markets, with exports to Europe, Japan, Korea, China, and South America.

### Strengthening India’s Position in Global Textile Printing

As the only Indian manufacturer among an elite group of global players, ColorJet is setting new benchmarks for high-tech textile machinery.

“India has immense potential to become a global hub for digital textile printing. At ColorJet, we are committed to bridging the gap between India’s traditional textile expertise and modern technology. Our investments in R&D ensure that India remains a leader in this domain,” emphasizes Mr. Dadu.

Each year, ColorJet allocates 10-12% of its revenue towards R&D, allowing it to introduce groundbreaking solutions. Global industry leaders like Konica Minolta and Kyocera have shown interest in collaborating with ColorJet, recognizing its advanced technological capabilities.

Furthermore, the company’s mechanical, electronic, and automation systems are designed and manufactured in-house, reinforcing the **“Make in India”** initiative and demonstrating India’s ability to compete with the world’s best.

### Empowering the Future: Skill Development in Technical Textiles

ColorJet is not just focused on business growth; it is also actively involved in developing future talent. As part of India’s National Technical Textiles Mission (NTTM), the company has been selected to train engineering students from top NIRF-ranked institutions.

“We recognize the importance of nurturing young talent. Our internship programs provide real-world exposure to digital printing, equipping students with skills essential for the evolving textile industry,” shares Mr. Dadu. Additionally, ColorJet is the only company assigned by the government to develop sustainable pigment printing technology, which significantly reduces water and energy consumption.



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### **FabJet Pro: A Game-Changer in Digital Textile Printing**

One of ColorJet's most groundbreaking innovations is the FabJet Pro, a high-speed, ultra-wide digital textile printer designed for high-volume production. "FabJet Pro is engineered to meet the demands of large-scale textile printing while maintaining sustainability. Its ability to print up to 13,000 square meters per day sets a new industry standard," explains Mr. Dadu.

#### **Key features of FabJet Pro:**

- 3.2-meter printing width
- Production speed of 654 square meters per hour
- Sticky belt technology for superior accuracy
- Eco-friendly design, reducing water and energy consumption

This innovation caters to the growing demand for high-quality digital printing in home décor, including bed covers, curtains, and upholstery fabrics.

### **Charting the Future: ColorJet's Global Vision**

Looking ahead, Mr. Dadu envisions ColorJet among the top five global players in digital textile printing. "Our vision is to make ColorJet a household name in the global textile industry. We aim to continuously innovate, expand our product offerings, and establish India as a center of excellence for digital textile printing," he asserts.

Under his leadership, ColorJet is not just reshaping India's textile industry but also expanding its influence on a global scale. Through sustainability-driven innovation, cutting-edge technology, and a commitment to talent development, ColorJet is solidifying its place as a leader in digital printing.

As Mr. Madhu Sudan Dadu steers ColorJet towards a sustainable and technologically advanced future, the company continues to push the boundaries of digital printing. With an unwavering focus on R&D, skill development, and global expansion, ColorJet is playing a key role in establishing India as a powerhouse in high-tech textile machinery.

Through relentless innovation and a deep commitment to sustainability, ColorJet is not just leading the transformation of digital textile printing—it is defining the future of the industry on a global scale.





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# REVOLUTIONIZING TEXTILE PROCESSING

## Will Motchar on Navis TubeTex's Partnership with Fibroline

By K. Gopalakrishnan

Navis TubeTex, a leader in textile finishing technology, is taking a bold step into the future with its partnership with Fibroline, a pioneer in dry powder impregnation technology. In an exclusive interview, Will Motchar, President & CEO of Navis TubeTex, shares insights on how this collaboration is set to redefine textile processing in North America. He discusses the motivation behind the partnership, the transformative potential of Fibroline's sustainable technology, and how their newly established innovation lab will drive industry-wide advancements.

*Mr. Motchar, how did you come across Fibroline and what motivated Navis TubeTex to partner with Fibroline to bring this technology to North America?*

**WM:** We first met with Fibroline team at TechTextil in Miami, back in March 2023. This opportunity to bring Fibroline's groundbreaking dry powder impregnation technology to North America was something we simply couldn't pass up. This technology represents the future of textile processing – it's more sustainable, more efficient, and opens up possibilities across multiple industries. What really excited us was how perfectly it aligned with our commitment to innovation and environmental responsibility. The ability to eliminate water usage in these applications is a game-changer for our industry.




Will Motchar, President and CEO, Navis TubeTex

*How will this new innovation lab benefit your customers?*

**WM:** The lab gives our customers direct access to this revolutionary technology right here in North Carolina. Instead of having to travel to Europe, companies can now work with us locally to develop and test new applications. Whether they're in medical textiles, military applications, or technical yarns, they can collaborate with Navis TubeTex's and Fibroline's experts to create custom solutions. We've designed the lab to be a true innovation hub where ideas can quickly move from concept to reality.



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**Could you explain why Fibroline's dry powder technology is considered so revolutionary?**

**WM:** This technology and the knowledge at its origin are entirely unique! It is backed and protected by more than 50 patents worldwide. What makes this technology truly special is its ability to precisely impregnate dry powders into various substrates, such as textiles, nonwovens, foams, papers, etc, without using any water or solvents. Traditional methods often require significant amounts of water and chemicals, followed by energy-intensive drying processes. Fibroline's technology eliminates all of that, making it not only more environmentally friendly but also more cost-effective and efficient. The applications are incredibly diverse – from adding antimicrobial properties to medical textiles, functionalizing filtration medias with MOFs, to incorporating specialized treatments for military gear.

**What excites you most about the future possibilities of this partnership?**

**WM:** I'm most excited about the potential for innovation. By combining Fibroline's expertise in dry powder impregnation with our deep understanding of textile processing and the American market, we're creating something truly unique. We're not just offering a new technology – we're opening doors to possibilities that weren't feasible before. The enthusiasm we've already seen from potential partners across various industries has been remarkable. This lab represents the beginning of what I believe will be a transformative era in advanced textile manufacturing.

**How does this new facility fit into Navis TubeTex's long-term strategy?**

**WM:** This investment perfectly aligns with Navis TubeTex's and Fibroline's vision of being at the forefront of textile technology innovation. We've always been committed to bringing the most advanced solutions to our customers, and this lab represents a significant step forward in that mission. It's not just about having cutting-edge technology – it's about creating a space where collaboration and innovation can thrive. We're positioning ourselves and our partners to lead a generation of textile development, particularly sustainable and technical applications.





**Dr. Vivek Tandon,**  
Founder, revalyu Resources

# TRANSFORMING WASTE TO WEALTH

## How India Can Lead the Global PET Recycling Revolution

By K. Gopalakrishnan

The alarming statistic of 700 billion plastic bottles discarded annually underscores the urgency of addressing plastic waste. Yet, within this global challenge lies a tremendous opportunity, and India is uniquely poised to seize it. With a robust foundation in PET bottle recycling and innovative technologies pioneered by companies like revalyu Resources, the nation is well-positioned to become a global hub for sustainable recycling.

### A Legacy of Leadership in PET Recycling

India has long been a leader in recycling, particularly in PET bottle collection and processing. According to Dr. Vivek Tandon, Founder of revalyu Resources, the country boasts a world-leading 95% collection rate for PET bottles, significantly outperforming major economies where collection rates are often below 30%.

This remarkable achievement stems from a deeply ingrained recycling culture and a combination of informal networks and formal systems working efficiently for decades. India's PET recycling capacity stands at 2.2 million tons, supported by mechanical recycling processes that produce staple fibers primarily for the textile industry. However, as the demand for higher-quality materials grows, particularly for applications like food-grade packaging and high-end textiles, the limitations of mechanical recycling have become apparent.

### Addressing the Limitations of Mechanical Recycling

Mechanical recycling, while effective for removing surface-level contamination, struggles with deeply absorbed impurities like dyes, sugar molecules, and other residues from carbonated beverages. Additionally, mechanical recycling processes lack scalability and consistency in output quality, making them less suitable for high-purity applications demanded by global brands. "Mechanical recycling is necessary and has been instrumental in India's recycling journey," says Dr. Tandon. "But as the industry evolves, higher purity and consistency are non-negotiable for meeting global standards."

### The Breakthrough: Chemical Recycling

Recognizing these challenges, revalyu Resources pioneered a breakthrough in chemical recycling technology in 2007. Dr. Tandon explains: "We figured out a way to depolymerize PET bottles directly into ester, the core building block of polyester, without going all the way back to oil. This innovation allowed us to avoid the cost inefficiencies of traditional recycling methods, making recycled materials comparable in quality and price to virgin polyester."

This process uses glycol to restart the chemical reaction, breaking down PET into ester without the need to scale back up the value chain. By recovering and reusing nearly all the glycol in the process, revalyu achieved significant cost reductions, making recycling both sustainable and economically viable.

### Building a Sustainable Business

Starting in 2008, revalyu began producing 100% recycled materials that matched virgin polyester in quality. However, the initial high costs made the product niche. It wasn't until 2018 that revalyu's innovations brought production costs on par with virgin polyester, marking a turning point for the company. Dr. Tandon highlights the scalability and efficiency of revalyu's Nashik plant, which processes 40 tons of PET daily—equivalent to 4.5 million plastic bottles—and has recycled over 7.5 billion bottles to date.

### From Textiles to Global Expansion

The revalyu journey began with recycling PET for textiles, a legacy from the plant's earlier operations in the 1970s. Today, the focus has expanded to include high-purity recycled polyester for diverse applications, including food-grade packaging and advanced industrial uses.

"We retrofitted existing plants with our technology, giving old facilities a new lease on life," Dr. Tandon shares. "This approach not only ensures sustainability but also leverages India's industrial heritage to create value."



### Scaling Capacity and Driving Global Expansion

Revalyu Resources has solidified its position as a global leader in PET recycling through significant investments and capacity expansions. At its Nashik facility in India, the company has invested \$100 million to create the world's largest chemical PET recycling site, now capable of processing over 20 million PET bottles daily. With the recent commissioning of a second plant producing 160 tonnes of high-quality recycled PET chips and polymers per day, and a third plant under construction to add another 120 tonnes per day by Q3 2025, the site's capacity will increase to an impressive 280 tonnes daily.

Looking ahead, Revalyu is set to establish a state-of-the-art 240-tonne-per-day PET recycling facility in the United States by 2027. This initiative is part of the company's broader global expansion strategy, aiming to scale its production to over 1,000 tonnes per day by 2030 through strategic partnerships and additional facilities worldwide. These investments underscore Revalyu's commitment to addressing the global plastic waste crisis while meeting the growing demand for sustainable recycled PET across diverse industries.

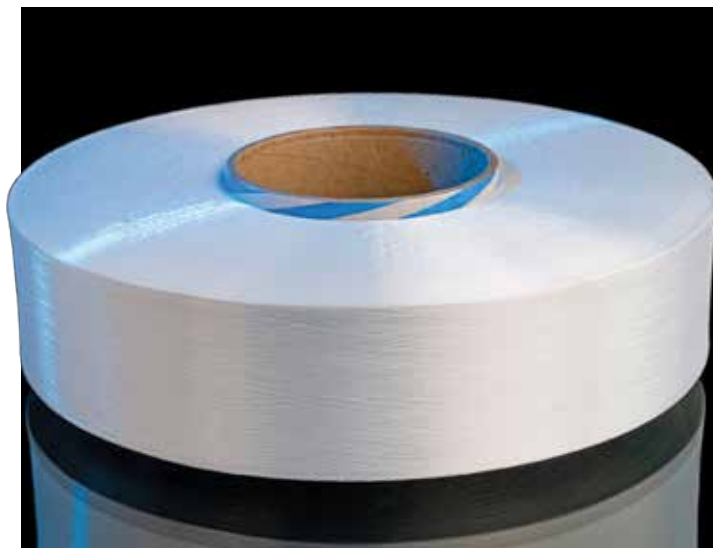
### India's Opportunity to Lead

As global demand for sustainable materials grows, India is uniquely positioned to lead the PET recycling revolution. With its unparalleled collection efficiency, emerging chemical recycling technologies, and supportive government policies, the country can address domestic waste challenges while becoming a supplier of high-quality recycled materials to the world. Moreover, India's recycling industry aligns perfectly with global circular economy goals, offering a model for reducing dependence on virgin resources and mitigating environmental impact.

### A Call to Action

Dr. Tandon and the team at revalyu Resources have demonstrated that recycling can be both sustainable and economically viable. With proven technologies, scalable solutions, and a growing market, India has the potential to turn waste into wealth on a global scale.

As Dr. Tandon aptly summarizes: "This is no longer just about recycling; it's about creating a sustainable future where waste is transformed into valuable resources. India can and should lead this transformation." By embracing innovation, investing in advanced technologies, and fostering global collaborations, India can solidify its position as the recycling capital of the world, setting an example for sustainable development in the 21st century.



# SCHMALE

## INNOVATING AUTOMATION IN HOME TEXTILE MANUFACTURING

By K. Gopalakrishnan

For over eight decades, Carl Schmale GmbH & Co. has been a pioneer in automation solutions for home textile manufacturing, continuously evolving to meet industry demands. Established in 1936, the company has set benchmarks in cutting, sewing, and folding automation, shaping the future of textile production worldwide. With a strong presence in India and other key global markets, SCHMALE remains committed to advancing technology, enhancing efficiency & delivering quality solutions.

In this exclusive interview, Dr. Hendrik Schmale, Managing Director of Carl Schmale GmbH & Co., shares insights into the legacy, innovative advancements, market presence and vision for the future.

*Could you introduce SCHMALE and provide an overview of the company's history and journey?*

**Dr. Schmale:** SCHMALE has been at the forefront of automating production processes in the home textile industry for decades. Established in 1936 as a family business in Germany's traditional textile region of Münsterland, we initially traded in sewing machines.

Recognizing the evolving needs of commercial applications, we soon began modifying these machines, which led to the development of the first longitudinal hemming machine, the legendary A1. The 1980s marked a turning point with advancements in microelectronics, allowing for the automation of increasingly complex processes. By the 1990s, our focus shifted to fully automated, computer-controlled machines with enhanced productivity. Today, SCHMALE, still being a family business, stands as a global leader in home textile automation, continually driving innovation in the industry.



**Dr. Hendrik Schmale**, Managing Director of Carl Schmale GmbH & Co.

*What are the current products and solutions that SCHMALE offers to the global market?*

**Dr. Schmale:** Our product range includes semi- and fully-automatic installations for cutting, sewing, and folding, catering to diverse home textile applications. We specialize in automated solutions for towels, bed linen sets, table linen, dish towels & more. Under our SCHMALEDURATE brand, we offer fully integrated production lines that automate the entire process—from fabric rolls to finished products. Additionally, we provide the full range of standalone machines that automate sub-processes, ensuring flexibility for manufacturers of all sizes and furthermore easy access to automation for growing companies.

*Which global markets have traditionally been strong for SCHMALE, and which emerging markets show the most growth potential?*

**Dr. Schmale:** SCHMALE began exporting to European neighbors in the 1960s and 1970s. As the German textile industry witnessed structural change in the 1980s and 1990s, we further expanded into markets such as Turkey, South and Central America, North Africa, and not least Asia which became key sales regions. In Asia, India has always been our primary focus. Today, it is one of our strongest global markets, and we expect continued growth as Indian manufacturers increasingly adopt automation to enhance efficiency and competitiveness.

*Could you highlight some of the recent innovations and technologies introduced by SCHMALE?*

**Dr. Schmale:** We constantly thrive to push the technological boundaries forward thereby offering new solutions matching current and future market needs. SCHMALE has continuously innovated, securing numerous patents for cutting-edge solutions in cutting, sewing, hemming, fabric transport, and complete...

...production automation. Be it the introduction of a unique and reliable toolbox of automatic quality tools that allows easy processing of a maximum range of product qualities for all clients. Or the introduction of a modular machine program which builds on the market experience of more than 85 years of automation and allows to economically combine special manufacturing processes according to individual customer demands.

Our primary focus is delivering customized, high-performance solutions that maximize efficiency while maintaining top-tier quality. Every innovation is designed to streamline production, reduce labor dependency, and enhance precision in home textile manufacturing.

*How long has SCHMALE been present in the Indian market, and how important is India to the company? Could you name some of your key customers in India?*

**Dr. Schmale:** SCHMALE has been serving Indian textile manufacturers for over 40 years, steadily expanding our presence in the market. India has now become one of our strongest global sales markets. Consequently, together with our long-term partner Bakubhai Ambalal, we were able to establish a dynamic and highly available sales and service network within India in order to meet the growing demands.

We are proud to work with some of India's largest home textile manufacturers, including Trident, Welspun, Himatsingka, Kapoor, Sharada, and Alok, among many others. Our long-standing partnerships with these industry leaders reflect our commitment to supporting India's growing textile sector.

*With automation and digitization transforming textile manufacturing, how is SCHMALE driving innovation in these areas?*

**Dr. Schmale:** Over 85 years of continuous development have positioned SCHMALE as a leader in textile automation. Today, our focus extends beyond mechanical advancements to include IT-driven innovations. Our machines are becoming increasingly intelligent, featuring real-time adaptive adjustments, much like modern automotive assistance systems. This technology allows machines to automatically optimize parameters for each piece of fabric, ensuring consistency and efficiency. For large-scale operations, we have developed networked production systems that connect multiple machines...

...into a centralized control and data management system. This integration enhances real-time monitoring, optimizes workflow, and reduces downtime, ensuring manufacturers achieve maximum productivity.

*In a competitive landscape with multiple automation providers, what differentiates SCHMALE?*

**Dr. Schmale:** SCHMALE's core strength lies in process efficiency, precision, and reliability. Our approach is rooted in maximizing production output, ensuring superior quality, and reducing operating costs. We focus on optimizing machine availability, reducing setup times, simplifying operations, and minimizing reject rates. By continuously innovating and integrating the latest technology, SCHMALE offers machines that exceed industry standards and provide a clear competitive edge for our clients.

It is this relentless commitment to quality and innovation that enables our customers to enhance their productivity, achieve significant cost savings, and maintain long-term profitability.

*India is a global leader in home textiles and is expected to strengthen this position further. What are SCHMALE's expectations for the Indian market, and how does the company plan to capitalize on these opportunities?*

**Dr. Schmale:** India's home textile sector is poised for strong growth, driven by initiatives like Make in India and the increasing adoption of advanced manufacturing technologies. Automation is becoming a critical factor in improving efficiency and maintaining global competitiveness. SCHMALE sees enormous growth potential in India, and we remain committed to supporting this market through cutting-edge automation solutions. Our long-term strategy includes enhancing our presence, strengthening partnerships with Indian manufacturers, and introducing new technologies that align with the industry's evolving needs.

As Indian textile manufacturers continue to invest in automation, SCHMALE will be at the forefront, providing the expertise and solutions necessary to drive efficiency, ensure sustainability, and enhance global competitiveness. With a legacy of over 85 years in textile automation, SCHMALE continues to lead the industry with cutting-edge innovations that redefine home textile manufacturing. Its strong presence in India and other global markets, commitment to technological excellence, and focus on automation and digital integration position the company for sustained growth.

As the demand for high-quality, automated textile solutions grows, SCHMALE remains dedicated to delivering efficiency, precision, and sustainability, ensuring that manufacturers worldwide can meet the challenges of the future.



# YILDIZ MACHINERY'S JOURNEY OF EXCELLENCE

Established in 1998 in Tekirdağ, Turkey, Yıldız Machinery has carved a niche in the textile industry by focusing solely on manufacturing high-performance fabric dyeing machines. With over 1,000 machines operating in 15 countries, the company has set new standards for innovation and sustainability through its relentless research and development efforts.

## Raising the Bar in Fabric Dyeing Technology:

Yıldız Machinery specializes in tailored fabric dyeing solutions, offering advanced machines customized to meet the specific needs of its clients. The company's flagship SEPIIDA HT HP fabric dyeing machine, introduced in 2019, has gained global recognition for its exceptional efficiency. Designed to minimize water, chemical, steam, and energy consumption, the SEPIIDA model reflects Yıldız's commitment to sustainability without compromising production quality.

### Global Presence and Future Expansion

Yıldız Machinery's primary markets include Turkey, Iran, Russia, and Uzbekistan, with recent success in South America following its participation in a textile machinery fair in Peru. Moving forward, the company is set to expand its footprint in India, Sri Lanka and Brazil, leveraging strategic partnerships to present its cutting-edge technology to textile manufacturers in these regions.

### Focus on Quality and Innovation

Rather than competing with other manufacturers, Yıldız aims to set industry benchmarks. The company continually invests in digitalization and automation, exemplified by its Smart Operator Assistance software, which reduces operator errors and enhances production accuracy. Through continuous collaboration with customers, Yıldız refines its machines, ensuring zero-defect production with maximum resource efficiency.



### Commitment to the Textile Industry

With a mid-term goal to expand the reach of its SEPIIDA model, Yıldız Machinery remains dedicated to its specialization in fabric dyeing. The company's participation in prominent exhibitions such as GMMSA EXPO being held in Ludhiana from 7th Feb 25 to 10th Feb 25. Stand No 2 A in Hall No C.

Techtextil 25 being held in Mumbai from 19th Nov 25 to 21st Nov 25. Stand No F 37 along with direct customer engagements, highlights its focus on building stronger connections and advancing textile technology.

Yıldız Machinery's unwavering dedication to innovation, sustainability, and customer-centric solutions has positioned it as a leader in the fabric dyeing segment. As the company continues to push the boundaries of efficiency and quality, it is set to play a pivotal role in shaping the future of textile manufacturing worldwide.

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## Pioneering Sustainable Textile Solutions: **Resil Textile Chemistries & N9 World Technologies**

Resil Textile Chemistries, Resil Chemicals' textile chemicals division, along with Resil's group company N9 World Technologies, are leading the way in delivering innovative, safe, and sustainable chemical solutions for textiles, garments, and other industrial applications. Through rigorous testing and seamless integration, our products enhance textile functionality and aesthetics, offering long-lasting benefits that are trusted by global apparel brands and retailers. With a legacy of over 30 years, we take pride in lasting partnerships we've built with our customers, grounded in our unwavering commitment to service excellence.

Resil Textile Chemistries' diverse product portfolio offers advanced textile technologies, like silicones, block silicone polymers, resins, enzymes, polyurethanes, antimicrobial and freshness technologies, as well as odour control, cooling, and dynamic drying solutions. These cutting-edge chemistries deliver superior performance, even after multiple washes, empowering manufacturers to achieve durability and functionality while reducing their environmental footprint.

At the heart of our vision is the commitment to redefining industry standards by introducing sustainable technologies that conserve water, save energy, and minimize harmful chemicals. We are on a mission to transform textile finishing with unparalleled service, agile innovation and tailored solutions to ensure elevated growth, quality, and market leadership for brands and mills globally. By aligning our operations with these goals, we aim to set new benchmarks in customer service, sustainability, and social impact—embodying the values of a compassionate and responsible organization. What sets Resil Textile Chemistries apart is our dedication to combining technical excellence with customer-centricity.

Our DSIR-recognized research centres, and Textile Application Research Centre are equipped with state-of-the-art laboratories and design studios. Here, our skilled professionals assist manufacturers in addressing challenges across the textile and garment processing value chain. By sustainably transforming everyday fabrics into sensory experiences, we empower clients to achieve market differentiation and long-term success.

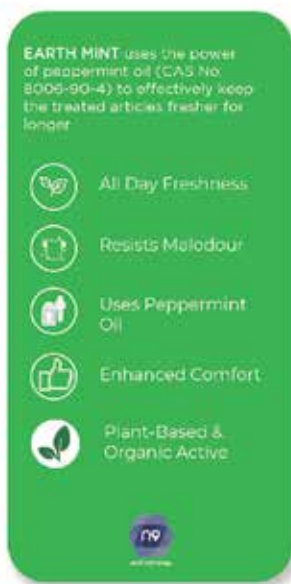
Beyond being a solution provider, Resil is a community of passionate innovators committed to shaping a sustainable future. Leveraging expertise in silicone and organic chemistries, we enhance the health, comfort, and lifestyle aspirations of our customers while prioritizing environmental stewardship. As a trusted ally to apparel brands and textile mills worldwide, Resil invites industry leaders to collaborate in setting new standards for textile finishing—building a more sustainable, innovative, and vibrant future for the global textile industry.

### **New offerings from Resil and N9WTPL for finishing & pre-treatment industry**

The latest additions to our product portfolio introduce cutting-edge solutions designed for impactful results.

**Greenpel and Greenpel CAT:** Fluorine-free finishes that provide exceptional liquid repellence for all fibre types, validated by AATCC 22, AATCC 193, and modified AATCC 193 tests.

**RESISCOUR AB-WS:** A sustainable wetting/scouring agent for pre-treatment of knits and towels in the exhaust process. It saves one to two baths in the pre-treatment process and can be used for low-temperature bleaching processes, ensuring significant utility savings.



**Aquasil Terrysoft:** A breakthrough product that combines instant hydrophilicity with superior towel softness, ensuring excellent stability in exhaust applications.

**EcoRelease:** A fluorine-free, hydrophilic soil and stain release solution for cotton-rich textiles, tested as per AATCC 130.

**SOLADEL UV ULTRA:** A GOTS V7.0-approved solution delivering UV protection for all fibres, tested per AATCC 183.

**BIORESIN:** Developed from natural oils, it ensures zero formaldehyde emissions and over 90% biodegradability & durability.

**RESIFEEL ABR and RESISCOUR ZFW SPL:** Derived from natural sources, they enhance bio-content and efficiency in textile wet processing.

**ProTech Technologies:** A suite of multifunctional benefits, including PAO (anti-odour, ISO 17299-3), PMM (moisture management, 79% bio content), and SLP PRO-FRESH (antimicrobial, ISO 20743).

**EarthMint and Odorel:** EarthMint neutralizes odour-causing bacteria, while Odorel offers a non-metal, non-biocidal odour capture solution with biodegradability exceeding 70%.

**BIOSTONE WASH ENZYME:** Significantly reduces water and waste in denim finishing processes.

**BIOKOOL:** A moisture-activated cooling technology delivering sustainable, bio-based comfort.

These innovations showcase how eco-responsible chemistry can revolutionize textiles, meeting both technical rigor and environmental sustainability.

### Bio-Based Chemicals: The Sustainable Revolution in Textile Processing

The future of the textile industry is rooted in sustainability, and bio-based chemicals are at the forefront of this transformation. Derived entirely or partially from biological materials such as plants, algae, crops, trees, marine organisms, and biological waste, these compounds offer a greener alternative to conventional chemicals. With their lower environmental impact, bio-based chemicals are steadily gaining ground in international markets, revolutionizing processes across the textile value chain.

One of the most promising advancements in this field is the rise of biosurfactants. Unlike conventional surfactants that can persist in the environment and lead to contamination, biosurfactants are biodegradable and leave no toxic residues. Produced from renewable feedstocks like plant oils and agricultural waste, they not only reduce dependence on fossil fuels but also embody a more sustainable and circular approach to chemistry.

The advantages of bio-based chemicals extend far beyond their eco-friendliness. Because they are made from renewable resources such as plant materials and agricultural byproducts, they are more sustainable and less harmful to the environment compared to petrochemical-based counterparts. Their biodegradable and non-toxic nature, coupled with lower energy and water requirements during production, significantly reduces the environmental footprint of textile manufacturing.

Moreover, by decreasing reliance on fossil fuels—a finite resource and a major contributor to climate change—bio-based chemicals pave the way for a more resilient and sustainable textile industry. The integration of these eco-friendly compounds not only addresses pressing environmental concerns but also enhances the industry's capacity to adapt to a rapidly changing global landscape.

As the textile sector continues its shift toward greener practices, bio-based chemicals represent a critical step forward. As a key player in the industry, Resil Textile Chemistries' innovative portfolio of bio-based products is helping manufacturers achieve a balance between performance and sustainability, thereby fostering a cleaner, more sustainable future for the industry and the planet.



## Driving Sustainability in the Fashion Industry: A Path to a Greener Future

Using eco-friendly materials like organic cotton, bamboo, hemp, and recycled fibers can significantly reduce the industry's ecological footprint. Manufacturing innovations that minimize water and energy usage, coupled with waste reduction through advanced design and pattern-making, are key to sustainable production.

Shifting the focus from fast fashion to timeless, durable designs and adopting eco-conscious packaging can lessen environmental strain. A circular economy—driven by advanced recycling technologies and closed-loop systems—promotes garment reuse and upcycling, reducing textile waste. Encouraging mindful consumption to extending garment lifespan and support second-hand stores further enhances sustainability.

Adopting globally recognized certifications like GOTS, ZDHC, OEKOTEX, Higg Index, and BLUESIGN fosters transparency and compliance with environmental and social standards. Ethical sourcing and ensuring fair labour practices across the supply chain are equally vital, emphasizing the importance of social responsibility. By integrating these strategies, the fashion industry can significantly lower its environmental impact while fostering a culture of accountability and care. Sustainability is no longer optional but essential for a thriving future—Caring. Committed. Consistent.

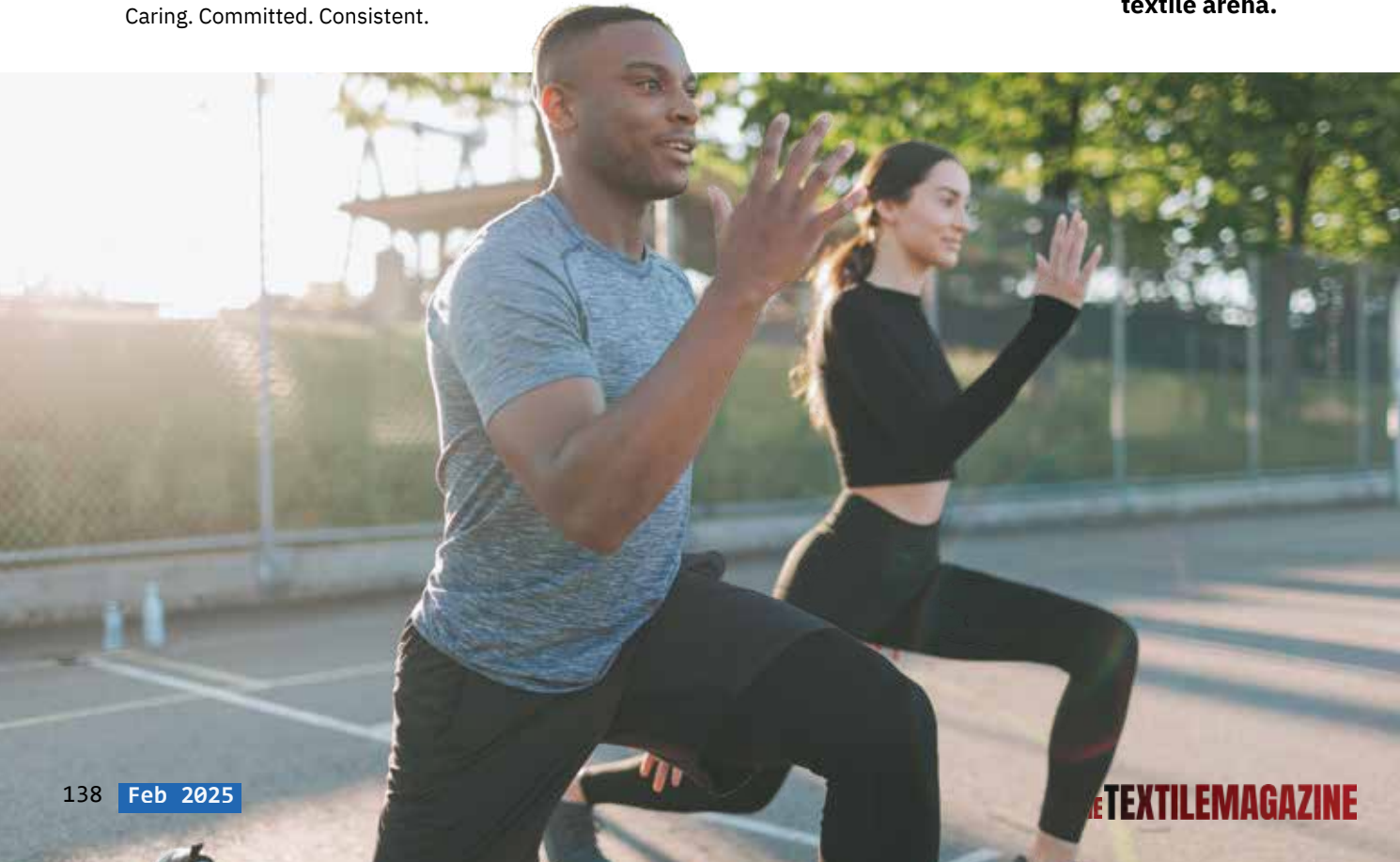


## Shifting Global Textile Dynamics: Opportunities for India Amidst Changing Trade Scenarios

The global textile industry is witnessing significant shifts, driven by evolving trade dynamics and geopolitical factors. With inventory levels stabilizing in major markets like the EU and USA, clothing imports is expected to surge in the next three months. The China+1 strategy is further reshaping sourcing patterns, redirecting orders to nations like Vietnam, Bangladesh, India, Sri Lanka, Cambodia, and Pakistan.

However, challenges persist. Bangladesh, a long-standing textile powerhouse, is grappling with political instability and foreign exchange crises, leading to factory closures and raising concerns about its reliability as a supplier. Similarly, Vietnam faces capacity constraints and rising labour costs. These factors have created opportunities for India, which is experiencing a 20-25% increase in orders in key hubs like Gurugram-Noida and Tirupur. The potential return of Donald Trump to power in the U.S. could further shift trade dynamics, offering India a chance to capture market share from China and Bangladesh.

**Indian manufacturers are also aligning with global sustainability demands, investing in green technologies to attract eco-conscious buyers from the USA, EU, and Japan. With strategic capacity expansions, India stands poised to solidify its place in the global textile arena.**



## Redefining Accuracy: Trends in Finish Measurement

Measuring a fabric's tactile feel, or its 'haptic properties', has long relied on subjective sensory assessments, often inconsistent due to personal perceptions and environmental factors. The Tactile Sensation Analyzer is a game-changing technology that mimics human touch. By analysing sound and mechanical deformation, it quantifies individual parameters that define hand feel, combining them through advanced mathematical models into a comprehensive haptic value.

These values are digitized into a cloud-based Virtual Haptic Library, enabling seamless use in R&D, quality assurance, and process optimization. Resil Chemicals is at the forefront of this transformation, collaborating with machine manufacturers to create an automated, data-driven system for reliable, scalable haptic measurement. We are working towards standardizing this process, to ensure consistency and accessibility across the textile industry. By leveraging innovation and technology, we're shaping the future of fabric evaluation—making it possible to measure the subjective and intangible.

## Product stewardship & ESG practices helping the industry

At Resil Textile Chemistries, sustainability is ingrained in our core values. Our product stewardship approach encompasses the entire lifecycle—from design to disposal—ensuring alignment with global environmental and social responsibility goals. By implementing practices like maintaining MRSLs and RSLs, improving supply chain transparency, and adopting green chemistry, we are working towards minimizing societal and environmental risks. These initiatives are further validated by our high scores on the HIGG Index, showcasing our commitment to environmental sustainability and ethical sourcing. Our certifications, including GOTS, OEKO-TEX, and EU REACH, also reinforces our dedication to creating positive environmental and social impact.

Leveraging our expertise in silicones and organic chemicals, we empower the textile and apparel industry to adopt innovative and sustainable solutions. At the core of our philosophy is the belief that science and technology can significantly reduce industrial carbon footprint without compromising quality. With over three decades of focused domain expertise, Resil Textile Chemistries has become a global leader in providing custom specialty finishes for textile brands and manufacturers. We work closely with our customers to transform fabrics into extraordinary experiences by offering bespoke solutions and seamless execution support.

**By fostering collaboration and embracing proactive solutions, Resil Textile Chemistries is dedicated to shaping a circular future—one that prioritizes environmental and societal well-being. Together, we can transform challenges into opportunities, driving the textile industry toward a more sustainable and responsible horizon.**

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**Rajkumar Ramasamy**, Managing Director of BCPL

# BEST CORPORATION GEARS UP FOR A GRAND SHOWCASE AT BHARAT TEX

By M. K. Prabhakar

**Tirupur-based Best Corporation (P) Limited (BCPL) has long been a trailblazer in the knitted garment industry. Over the decades, the company has transformed into an integrated textile powerhouse, overseeing the entire value chain from spinning to garment production. As a leading force in India’s textile sector, BCPL is poised to make a remarkable impact at the prestigious Bharat Tex.**

### Excitement Builds for Bharat Tex 2025

Reflecting on the previous edition’s success, Rajkumar Ramasamy, Managing Director of BCPL, shares, “Anyone involved in the textile industry in India should participate in Bharat Tex. It serves as a gateway to present India’s textile industry to the world. Even for us, as industry insiders, it was surprising to see the vast variety of textiles available across different regions of India, during the first edition of the trade show. We will be showcasing our latest collections at the event.”

### Eventful journey

Sharing the company’s illustrious history, Rajkumar reflects, “Best Corporation has a legacy of 57 years, founded by my father,...

... Mr. Ramasamy—popularly known as ‘Best’ Ramasamy. I stepped into the business in 1992, bringing with me a vision to expand and modernize our operations.”

Today, BCPL stands as a fully integrated apparel giant, managing every stage from fiber sourcing to finished garment exports. The company specializes in knitted garments, with a strong focus on babywear and innerwear, while also catering to the domestic fabric and yarn market. BCPL’s growth has been substantial, now boasting a 10,000-strong workforce with operations spanning multiple locations. “Our core operations are centered in Tirupur, but we have extended our global footprint with manufacturing facilities in Ethiopia and Kenya. We have also recently established a state-of-the-art apparel factory in Ujjain, Madhya Pradesh,” he adds.



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### Diverse product portfolio

BCPL is recognized for its excellence in manufacturing babywear and inner wear. Elaborating on the products Rajkumar Ramasamy explains, “Our core product categories are babywear and innerwear. Innerwear includes loungewear and nightwear.” With a strong export market, the company serves prestigious global brands across the United States and Europe. “Our exports are split roughly 60% to the US and 40% to Europe. We take immense pride in manufacturing for some of the most reputable global brands, delivering quality and consistency,” he says.

### Expanding global reach

While BCPL has built a strong presence internationally, Rajkumar Ramasamy notes a significant surge in domestic demand. “Historically, our business was nearly 100% export- driven. However, in recent years, we have seen tremendous growth in domestic demand. Today, 15% of our revenue comes from domestic sales, and we foresee this increasing to 25% within the next two years,” he says.

Additionally, BCPL is exploring emerging markets, throwing light on which he states, “Apart from the US and Europe, Japan is an exciting new market showing strong potential. There is also growing interest from Australia, and we are actively evaluating expansion opportunities there.”

### Robust manufacturing infrastructure

As an integrated textile company BCPL takes pride in its modern manufacturing infrastructure. Elaborating on the same, Rajkumar Ramasamy notes, “We have a strong manufacturing infrastructure. We have 140000 spindles for spinning, along with fabric processing facilities and apparel factories. We manufacture around 2.5 million garments per month.” “We currently operate eight factories in the Tirupur region, one in Kenya, one in Ethiopia, and one in Madhya Pradesh. Additionally, we are in the process of setting up a new fabric plant.”

“We are leveraging the PLI (Production Linked Incentive) Scheme for man-made fibers (MMF), as part of our expansion plans. This project is currently under implementation and production is expected to commence in April. The new facility at SIPCOT, Perundurai, Tamil Nadu will focus on producing high quality synthetic fabrics for the export market,” he adds.



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### Sustainability; a core commitment

Sustainability has always been a fundamental principle at BCPL. Rajkumar Ramasamy highlights the company's eco-conscious approach: "Sustainability is at the heart of everything we do. We are proud to be a 100% carbon-neutral company," he highlights.

#### Key sustainability initiatives include:

- 100% renewable energy: The company relies entirely on solar and wind energy for its power needs.
- Zero liquid discharge: All water used in processing is 100% recycled, ensuring minimal environmental impact.
- Green energy production: BCPL generates an impressive 80 megawatts of renewable energy.
- Eco-friendly STPs: The company's Sewage Treatment Plants (STPs) incorporate cutting-edge ECOA technology to maximize efficiency.
- Sustainable infrastructure: All newly established manufacturing units are designed with environmental sustainability as a priority.

### Promising future for Indian textiles

Exuding optimism about the future growth of the Indian textile industry, Rajkumar Ramasamy mentions, "India is at a pivotal moment. While the past few years have been challenging, global shifts in geopolitics and proactive government policies have placed the textile industry on a strong growth trajectory."

Key factors fueling this momentum include:

- Government-backed initiatives, such as Bharat Tex and the PLI scheme.
- Heightened global demand for India as a preferred sourcing destination.
- Enhanced industry capabilities, strengthening India's position as a textile powerhouse.

"We anticipate the next five to ten years to be a golden period for India's textile sector, with strong expansion in both exports and domestic consumption."

### Future expansion plans

BCPL is setting ambitious expansion goals. Rajkumar Ramasamy sharing the company's strategic vision says, "As a fully integrated player, we are constantly evolving. Our recent investment in a garment factory in Madhya Pradesh is just the beginning. We are now making a major investment in the PM Mitra Park in Madhya Pradesh, where we will establish a fully vertical facility covering everything from spinning to fabric production." This development marks a significant milestone in BCPL's journey toward greater self-sufficiency and global competitiveness.

### All set for Bharat Tex 2025

Rajkumar Ramasamy acknowledging the government's dedicated efforts to make the event a resounding success, says, "The government has gone the extra mile in promoting this event through roadshows and global outreach programs to attract international buyers. We are thrilled to welcome visitors from around the world to our booth at Hall No: 4 (First Floor), Stall No: 4F – R24."

Signing off, Rajkumar Ramasamy underscores the significance of Bharat Tex: "Bharat Tex is not just an exhibition—it is a movement to establish India as the world's leading textile hub. As an industry leader, we are proud to be part of this transformative journey."

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## EPIC GROUP & CREATIVE GROUP JV TO INVEST RS.500 CRORE IN INDIA'S APPAREL INDUSTRY

**In a significant development aimed at harnessing growth opportunities in India, Epic Group and Creative Group are pleased to announce a joint venture that promises to transform the Indian apparel business landscape. This marks the beginning of this promising collaboration with the signing of a non-binding MOU.**

The joint venture brings forth a potential investment of Rs 500 crores (approximately 60 million USD) and is set to leverage India's local talent by creating employment opportunities for a 10,000 strong workforce. This venture aims not only to enhance operational capabilities but also to lay the foundation for substantial contributions through job creation.

The partnership is poised to set new industry benchmarks, drive innovation, and deliver superior value to our customers and stakeholders in India. Both Epic Group and Creative Group are committed to fostering innovation and growth in the apparel sector, with a focus on sustainable practices and community development.

### **Creative Group**

Established in 1974, and over 50 years in the garment manufacturing industry, the Creative Group is one of India's most diverse textile conglomerates. With vertical setups and business interests in Apparel, Home Textile, Polyester Yarn, Retail and Outdoor...

... products, we are a leading, reliable, and cost-efficient partner for the textile industry, brands, and retailers worldwide. With a turnover of US\$400 Million across formats, and a family of 16000 employees and factories in 5 Indian cities (4500 machines), Creative is committed as ever to their values of innovation, quality, and sustainability.



### **EPIC Group**

Epic Group has been a pivotal force in the apparel industry for decades, starting as a prominent textiles trading house, then excelling in sourcing high-quality fabrics, and since 2005, emerging as a state-of-the-art manufacturing company with facilities across Africa, Asia, the UAE, the UK, Jordan, and the United States.

Today, Epic Group stands as a trusted supplier and leading manufacturer, partnering with global retailers to meet consumer expectations through innovation, advanced technology, and cutting-edge design. With over 30,000 dedicated employees, the organization prides itself on excellence in execution, quality, and a passion for delivering value. Sustainability is deeply embedded in its operations, from its head office to its manufacturing plants, ensuring a forward-thinking approach that aligns with modern trends and insights.

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# CLIFTON EXPORT

## SETTING NEW BENCHMARKS IN APPAREL

From a modest beginning in 1965 to a global player in the apparel industry, Clifton Export Private Limited has carved out an extraordinary journey. Based in Tiruppur, the company was founded by Mr.A.Nachimuthu and Mr.N.Balasubramaniam in 1965, as manufacturers supplying garments to merchant exporters in Mumbai and Delhi.



**B.Naveen, MD, Clifton Exports**

By M. K. Prabhakar

**The turning point came in 1994 when Clifton Export was formally established. Today, the company is on track to close the financial year with an impressive turnover of ₹300 crore.**

The company is excitedly looking forward to participating in the forthcoming Bharat Tex 2025 trade fair. "Quality and innovation have always been our cornerstones. We intend showcasing our capabilities in Bharat Tex 2025 to the global audience," says B.Naveen, the company's Managing Director in an exclusive interview.

### Product portfolio

Clifton Export boasts a robust manufacturing setup that produces a wide range of apparel and accessories for the global market:

- Babywear & Children's Wear: 1 million pieces per month.
- Underwear: 2 million pieces per month.
- Nightwear, T-Shirts, and Polos: A combined total of over 650,000 pieces per month.
- Sandals and Bags: 50,000 and 100,000 pieces per month, respectively.

This versatility makes the company a one-stop solution for international buyers. "Our product diversity is complemented by a focus on meeting global quality standards," Naveen explains.

### World-Class Infrastructure

With 11 garmenting units, two process plants, and dedicated facilities for elastics, Clifton Export's production capacity reaches approximately 3.5 million garments per month. The company has embraced...

...automation, incorporating ERP systems for seamless management of finances, logistics, and procurement.

"Next financial year, we're adding a 400-machine garment unit. Automation will take center stage as we explore AI-driven fabric cutting for precision and efficiency," Naveen adds.



### Global footprint

Exports constitute approximately 90% of the company's business. "The rest 10% is from the domestic market where we work with some leading brands," he explains. The company's major export markets include France, Germany, Netherlands and the UK.



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### Competitive edge

Highlighting the company's competitive edge, Naveen shares, "We pride ourselves on offering all knitted apparel solutions under one roof, supported by the expertise of our seasoned product development team, which provides valuable insights into upcoming seasonal trends. Adhering to stringent quality standards, every product undergoes multiple layers of rigorous quality checks before leaving our factories. Coupled with our unwavering commitment to timely delivery, these factors have been the foundation of our success story."

### Sustainability as a Core Value

Clifton Export is committed to sustainability and aims to achieve carbon neutrality soon. Throwing light on the company's sustainability focus, Naveen remarks, "A one-stop solution provider with 'Green Tag', is our offering. Green Tag labels transparently display the carbon footprint of each product manufactured in our facilities. We are making efforts to reduce our carbon footprint every season. Our ultimate aim is to offer carbon-negative products."

### Staying ahead with Industry 4.0

Clifton Export has fully embraced Industry 4.0, focusing on AI and digitization to revolutionize its manufacturing process. Auto-cutters and semi-robotic stitching machines are part of their next wave of investments. "Upgrading our personnel's skills to work alongside this technology is crucial," Naveen emphasizes.

Clifton Export envisions leveraging AI-driven ERP systems for productivity, reducing waste by 10%, and enhancing efficiency through lean management. "We aim to increase production efficiency by 10% while cutting overheads by 2-3%," he explains.

### Bharat Tex 2025; showcasing innovation

As a key exhibitor at Bharat Tex 2025 (Hall 4F, First Floor, Stall No. S-15), Clifton Export plans to unveil:

- Organic (GOTS) Certified Products
- Naturally Dyed Apparel
- New Trend-Driven Product Ranges

"We warmly welcome visitors from every corner of the globe to our stall at the event. Our team will be present in full strength, ready to showcase our innovative product range and share insights into our capabilities," says Naveen. "This event is not just an opportunity to highlight what we offer but also a chance to explore the latest technological advancements in the textile industry. It is an excellent platform for meaningful networking and collaboration, paving the way for exciting possibilities."





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SCAN ME

# SOLUNARIS

## EMPOWERING TEXTILE INK USERS WITH TECHNICAL EXPERTISE

Solunaris, a wholly owned subsidiary of Jay Chemical Industries Pvt. Ltd., was founded in Wiesbaden, Germany, in 2010 with the mission to serve global customers with high-quality products and services in the field of digital textile printing. Over the years, it has established itself as a significant player in the reactive and sublimation digital textile ink market.

By Arun Rao

**Sandeep Gupta**, General Manager (Asia Pacific) at Solunaris

The company has rapidly gained recognition for its innovative inks under the brand name Antelos®. Solunaris offers a comprehensive range of Antelos® digital textile printing inks, designed for use on both natural cellulosic and synthetic fibres. These inks are compatible with all leading print head technologies. The company's ethos is built on solving customer challenges by developing advanced ink formulations and providing top-tier technical support.

### The Value of Technical Support in Digital Textile Printing

One of the major differentiators for Solunaris in the competitive textile ink market is its unwavering commitment to providing comprehensive technical and troubleshooting support to its customers. According to Mr. Sandeep Gupta, General Manager (Asia Pacific) at Solunaris, optimizing the quality of printed output often requires substantial technical support from the company. Many customers need expert guidance to create the right synergies between padding recipes in pretreatment, derive accurate profiles (ink calibration) for various substrates and print head technologies, and optimize post-treatment processes. Of course, all this needs to be complemented by inks like Solunaris' Antelos® inks.

**Solunaris' team, which possesses in-depth knowledge and years of experience with all key components of digital printing, supports customers across all these aspects, ensuring a seamless production process.**

### Expanding Manufacturing Capabilities: A Shift to India

Solunaris' decision to establish a manufacturing facility in Ahmedabad in 2013 was a strategic move to meet the rising demand in the Asia-Pacific region. This state-of-the-art, fully automatic plant operates on a Zero Liquid Discharge (ZLD) system, underscoring the company's strong commitment to both sustainability and operational efficiency. As a fully backward-integrated company, Solunaris is proud to market only self-manufactured products, enabling the company to maintain complete control over the quality and consistency of its finished products (inks) from the raw material stage. This combination of innovation, sustainability, and quality control positions Solunaris as a leader in the textile printing ink industry.

### A Strong Market Presence in Surat: The Heart of India's Textile Industry

Surat, known as India's largest textile hub, has been a key driver in Solunaris' growth. With the city now accounting for over 50% of India's digitally printed fabrics, Solunaris has successfully secured a significant market share in the region's textile ink industry. The textile industry in Surat is highly dynamic, continuously adopting new technologies to meet the challenges of a rapidly evolving market. As reactive and sublimation printing machines gain popularity, Solunaris is strategically positioned to capitalize on this trend. According to Mr. Gupta, Solunaris' presence in Surat is a testament to the company's commitment to innovation and its foresight in tapping into emerging market opportunities.



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### **The Growing Demand for Digital, Reactive and Sublimation Printing Inks**

The Indian textile industry is experiencing a significant transformation, driven by increasing investments in digital printing technologies. Mr. Gupta pointed out that the rising consumption of textile inks has led to higher manufacturing volumes, which in turn has contributed to a reduction in ink production costs. Although there is still a cost disparity between conventional and digital printing methods, this gap is steadily narrowing, making digital printing increasingly cost-competitive.

One of the key advantages of digital printing is the ability to print fabrics on-demand, eliminating the need for pre-printed fabric inventories. This flexibility and efficiency are expected to drive continued growth in the digital printing sector, benefiting both Solunaris and the broader digital printing ink market. As these trends continue to evolve, Solunaris is well-positioned to leverage its expertise and infrastructure to capitalize on the expanding demand for digital textile inks. Solunaris exports its inks to more than 12 countries globally and this list is continuously expanding.

### **Recognition for Quality: Meeting Stringent Industry Standards**

Solunaris inks are both Global Organic Textile Standard (GOTS) approved and compliant with Zero Discharge of Hazardous Chemicals (ZDHC) Level 3, underscoring the company's commitment to producing high-quality and sustainable products. The company places great emphasis on quality assurance and control, coupled with....

.... technical expertise and quick response times, which are key differentiators that drive customer satisfaction and reinforce Solunaris' credibility in the market. Solunaris does not take its current success for granted and continuously strives to add value for its customers, ensuring that it remains a trusted partner in the digital textile printing industry.

### **A Commitment to Sustainability: R&D and Innovation**

Sustainability is at the core of Solunaris' research and development efforts. The company's R&D team is dedicated to making its inks both eco-friendlier and high performing, with a focus on achieving superior application fastness properties and optimized uses of utilities. These innovations contribute to reduced water and energy consumption, aligning with the company's commitment to environmental responsibility. To ensure its inks perform optimally across a range of print head technologies, Solunaris has equipped its R&D department with various printers suitable for reactive and sublimation inks. This enables the company to provide tailored solutions for different print head models, ensuring that its customers receive inks that meet their specific needs and performance requirements.

### **The Future of Pigment Inks: A Sustainable & Efficient Solution**

According to Mr. Gupta, Solunaris has observed promising developments in the pigment ink segment. One of the key advantages of pigment-based printing is its simpler, one-step process for pre-treatment, with no need for chemical post-treatment, compared to the more complex reactive printing process. Since pigments lack a natural affinity to the fibre, adhesion is achieved through the use of binders, specifically a copolymer. However, Mr. Gupta highlights that the binder plays a critical role in determining many characteristics of the product.

Despite the benefits, the harsh feel of the fabric, lower application fastness properties, and the higher cost of pigment inks have limited their widespread adoption. As a result, the use of pigment inks remains somewhat restricted, and their momentum in the market is still limited. Nonetheless, the launch of Solunaris' pigment inks is a step forward, and the company continues to refine its formulations to enhance their performance and broaden their applications.



**Mr. Sanjeev K. Grewal,**  
Regional Business Director – Asia.

## AMANN GROUP STRENGTHENS PRESENCE IN ASIA WITH STRATEGIC EXPANSION AND INNOVATION

By K. Gopalakrishnan

**AMANN Group, a global leader in high-quality sewing & embroidery threads, is expanding its footprint across Asia, the Middle East, and the Pacific under the leadership of Mr. Sanjeev K. Grewal, Regional Business Director – Asia. With a commitment to innovation, sustainability, and excellence, AMANN is reinforcing its position in key markets, driven by customer-centric strategies and cutting-edge product offerings.**

### A Vision for Growth in Asia and Beyond

Mr. Sanjeev Grewal, who assumes his new role as Regional Business Director – Asia on February 1, 2025, will oversee AMANN's operations in some of the world's most dynamic textile markets. With a focus on deepening customer relationships, fostering product innovation, and enhancing regional integration, his leadership aims to align AMANN's global strategy with local market demands.

The company is set to expand its influence across diverse economies, from emerging textile hubs to well-established industrial powerhouses, ensuring sustainable growth and operational agility.

### A State-of-the-Art Manufacturing Facility in India

Under Mr. Grewal's leadership, a milestone in AMANN's expansion is the state-of-the-art manufacturing facility in Tamil Nadu, India, which commenced operations in 2024. This facility is pivotal in bolstering AMANN's production capabilities and increasing its proximity to key customers.

The Tamil Nadu plant specializes in the production of high-performance threads and yarns, catering to industries including home textiles, apparel, automotive, technical textiles, and medical applications. The factory also plays a critical role in AMANN's sustainability initiatives, with a focus on producing eco-friendly and recycled sewing & embroidery threads that align with the global shift towards responsible sourcing. By localizing production, AMANN aims to enhance supply chain efficiency, reduce lead times, and cater to the growing demand for premium textile solutions across India and South Asia.





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### Showcasing Innovation at India International Leather Fair and Bharat Tex

AMANN Group is actively participating in major textile and leather industry events to showcase its latest innovations. At the India International Leather Fair in Chennai and Bharat Tex 2025 in Delhi, the company is presenting high-performance threads designed for specialized applications high speed stitching operations.

*Amann is showcasing their award-winning sewing threads during Bharat-tex 2025, at their booth number IF-G1 in Hall 1- Bharat Mandapam, New Delhi.*

**Leather and Footwear Threads:** Durable, flexible, and aesthetically superior, these threads are tailored for premium leather shoes, leather goods and high-end fashion articles. Amann has launched in Jan. 2025 its very special thread name “StrongCore” specially for non-leather sport shoe industry.

**Sustainable Threads:** Made from post-consumer recycled materials, these threads align with the growing trend of eco-conscious manufacturing.

**Technical Textile Solutions:** Advanced threads for high-speed automated sewing operations like home textiles, automotive, protective wear, and medical textiles which required special characteristics like abrasion resistance, chemical resistant, heat resistance, flame-retardant, antibacterial yarns etc.

**Embroidery Threads:** High-quality threads catering to India’s expanding fashion and textile segments, ensuring vibrant color retention and superior stitching quality for all types of embroideries i.e., shiny, dull or filigree embroideries.

These innovations highlight AMANN’s dedication to sustainability, quality, and technological advancements, ensuring that Indian and global manufacturers have access to next-generation textile solutions.

### Supporting India’s Growth as a Global Manufacturing Hub

As India moves toward becoming a USD 10 trillion economy by 2030, AMANN is strategically positioned to support the country’s growing manufacturing and export capabilities. With India’s textile industry poised for unprecedented growth, AMANN’s investments in the region align with the government’s push for industrial modernization and sustainable development.



The Tamil Nadu facility serves as a key enabler in AMANN’s long-term strategy, helping local manufacturers meet stringent global quality standards. By expanding its local production footprint, AMANN not only strengthens India’s textile ecosystem but also ensures its threads and yarns are readily available for international exports. Additionally, the company is focused on providing sustainable and innovative solutions, helping India’s textile and apparel industry reduce environmental impact while enhancing productivity and profitability. With locally produced high-performance threads, AMANN is set to play a transformational role in India’s manufacturing and export sector.

**Under the leadership of Mr. Sanjeev Grewal, AMANN Group is embarking on an ambitious expansion journey across Asia, the Middle East, and the Pacific. With a state-of-the-art production facility in India, groundbreaking innovations in sustainable sewing threads, and a strong commitment to supporting local and global manufacturers, AMANN is well-positioned to shape the future of textile manufacturing. As the company continues to lead in quality, efficiency, and sustainability, its strategic investments will drive long-term growth, reinforcing its status as a global textile powerhouse.**

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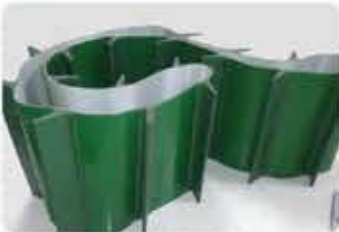
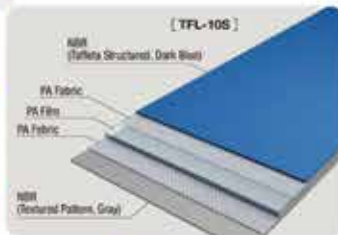
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**Madhu Sudhan Bhageria**, Chairman & Managing Director, Filatex

## FILATEX INDIA LIMITED: EXPANDING HORIZONS WITH STRATEGIC INVESTMENTS

### STRENGTHENING CAPACITIES FOR A COMPETITIVE EDGE

Filatex India Limited, one of the leading manufacturers of polyester filament yarn in India, is set to enhance its manufacturing footprint with a robust expansion strategy. The company has announced additional manufacturing facilities for Partially Oriented Yarn (POY) of 19,800 MTPA, Fully Drawn Yarn (FDY) of 14,400 MTPA, and Draw Textured Yarn (DTY) of 14,400 MTPA at its existing unit in Dahej. This expansion, with a capital outlay of ₹155 crores, is expected to be operational by June 2026.

Established in 1994 with a modest capacity of 500 TPA, Filatex India has grown into a leading player with a manufacturing capacity exceeding 400,000 TPA. The company operates two state-of-the-art production facilities at Dadra & Nagar Haveli and Dahej, specializing in polyester and polypropylene multifilament yarn and polyester chips.

Reflecting on the company's recent performance, Mr. Madhu Sudan Bhageria, Chairman and Managing Director, noted that while the last two quarters experienced low demand and minimal margins, the third quarter saw a positive shift beginning in...

...November. This improvement was evident in the company's EBITDA increase from ₹45 crores to ₹75 crores, indicating a gradual recovery in demand and margins.

### Commitment to Sustainability

In line with its sustainability goals, Filatex India has signed a Letter of Intent with Torrent Power Ltd to invest ₹24 crores in a hybrid power project. The initiative aims to reduce the company's carbon footprint while ensuring energy efficiency. The 19.8 MW capacity project, expected to be commissioned by September 2025, will provide approximately 100 million units annually, leading to estimated cost savings of ₹25 crores.



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### **Ecosis: Pioneering Circular Recycling**

A key focus for Filatex India is sustainability, and the company has aligned itself with Ecosis, an initiative that revolutionizes textile-to-textile recycling. This process enables the creation of new textiles from recycled materials, effectively promoting a circular economy. By reducing waste and conserving resources, Filatex is setting new industry benchmarks in sustainable manufacturing.

### **Polyester: Backbone of Textile Industry**

Polyester remains the most widely used fiber globally, accounting for approximately 57.2% of total fiber production in 2023. As fashion trends evolve and demand for high-performance textiles grows, polyester's role in sportswear, athleisure, and quick-drying apparel is becoming increasingly significant. Filatex India is poised to capitalize on this trend by expanding its polyester filament yarn production.

The Indian textile industry is witnessing a shift towards man-made fibers (MMF), supported by government initiatives such as the Production Linked Incentive (PLI) scheme, National Technical Textiles Mission (NTTM), and MITRA scheme. Additionally, factors such as the rise in online shopping trends, increasing per capita fiber consumption, and growing demand for technical textiles are driving the industry's growth.

### **Comprehensive Product Portfolio**

*Filatex India offers an extensive range of products, including:*

- Polyester Chips: Industrial intermediate for polyester yarns.
- Fully Drawn Yarn (FDY): Ideal for premium fabrics, including children's and women's wear.
- Polypropylene Multifilament Crimp Yarns: Used in socks, undergarments, and sportswear.
- Partially Oriented Yarn (POY): A key raw material for knitting and weaving fabrics.
- Draw Textured Yarn (DTY): Utilized in various fabric applications through texturizing.
- Narrow Woven Fabrics: Essential for carpets, rugs, ribbons, and zippers.



### **Driving a Sustainable Textile Future**

With an increasing focus on sustainability, Filatex India acknowledges the environmental impact of the fashion industry. As Mr. Bhageria emphasized, the company remains committed to reducing waste, improving energy efficiency, and promoting circular textile practices. The ongoing investments and expansions underscore Filatex India's vision to enhance production capacity, ensure sustainability, and strengthen its position in the global polyester market.

**By strategically integrating innovation, sustainability, and capacity expansion, Filatex India is paving the way for a more resilient and future-ready textile industry.**



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## REDMAN FLEXIWIRE: REVOLUTIONIZING TEXTILE MACHINERY WITH LEGACY AND GLOBAL REACH

**For nearly a century, Redman Flexiwire has stood as a pillar of excellence in the production of raising fillets and auxiliary products for the textile industry. Established in the USA in 1933, Redman has evolved into a globally respected brand, transferring its deep-rooted expertise to Turkey in 2004. As the company celebrates 20 years of Redman Dörtaral in Turkey, its unwavering commitment to quality, innovation, and customer satisfaction continues to drive its success in established and emerging markets worldwide.**

Redman's legacy is built on decades of innovation and precision. The company offers a comprehensive range of products, including raising fillets, brushing and combing fillets, cleaning brushes, and auxiliary fillets. Each product is meticulously designed to cater to diverse applications, ensuring there is a solution for every customer's unique requirements. Complementing their product portfolio, Redman provides technical support and after-sales services, cementing its position as a trusted partner for global textile manufacturers.

### **Expanding Global Presence**

With a strong foothold in global markets such as Korea, Vietnam, India, Egypt, Portugal, Taiwan, and Mexico, Redman continues to grow its reach. Asia has emerged as a significant region, driving...

... Redman's success with its dynamic industrial landscape. At the same time, the company maintains a robust presence in its local Turkish market, ensuring a balanced global strategy that aligns with its growth ambitions.

### **State-of-the-Art Manufacturing in Turkey**

Redman's production facility in Turkey is a testament to the company's dedication to quality and innovation. By modernizing and automating machinery, Redman has enhanced production efficiency, minimized defects, and reduced labor-intensive processes. These advancements, coupled with the company's deep market understanding, allow Redman to deliver customized solutions that meet the precise demands of its customers.





S. Gaur,  
Director

Anubhav Gaur,  
President & CEO

### Strategic Focus on India and Sri Lanka

The Indian and Sri Lankan markets are central to Redman's growth strategy, bolstered by the company's strong partnership with THE GAURS. With increasing demand for advanced textile machinery and a growing industrial base, these regions present immense potential. Redman's tailored solutions, supported by THE GAURS' local expertise, enable the company to address the unique challenges and opportunities in these thriving markets.

### Why Redman Stands Out

In a competitive landscape, Redman distinguishes itself with its unparalleled expertise, commitment to consistent quality, and focus on customer success. The company's reliable support and competitive pricing make it a preferred choice for businesses seeking both value and long-term partnerships. "At Redman, we offer more than just products; we offer a pathway to sustainable growth," the company emphasizes.

### Future-Focused Growth and Innovation

Redman remains deeply connected with its customers to anticipate and respond to the evolving needs of the textile industry. Through constant dialogue, collaborative testing, and innovation, the company is dedicated to developing new products and technologies. This customer-centric approach ensures that Redman stays ahead of market trends while delivering tailored solutions that empower textile manufacturers worldwide.

Redman Flexiwire stands as a beacon of excellence in the textile industry, blending a legacy of innovation with forward-thinking strategies. As the company celebrates its 20th anniversary in Turkey and continues to expand its footprint in key markets like India, it remains committed to empowering textile manufacturers through superior products, tailored solutions, and unmatched customer support. With a sharp focus on the future, Redman is poised to redefine the global textile machinery landscape, one innovation at a time.

**Participation in Exhibitions:** Keeping in view its commitment of enhancing its presence in this region, Redman is participating in GMMSA EXPO being held in Ludhiana from 7 th Feb 25 to 10 th Feb 25. Stand No 2 A in Hall No C.

Redman will also be participating in Techtextil 25 being held in Mumbai from 19 th Nov 25 to 21 st Nov 25. Stand No F 37.





**Mr. Hari Thiagarajan,**  
Managing Director, Thiagarajar Mills

By M. K. Prabhakar & Mohanraj

# REVITALIZING TRADITION AND BUILDING SKILLS

## Hari Thiagarajan's Vision for Thiagarajar Mills

### Keeping pace with evolving trends

Thiagarajar Mills Limited, a cornerstone of India's textile industry, has thrived on a legacy of excellence and adaptability. As the third-generation leader, Hari Thiagarajan is taking the family legacy forward with a visionary approach to growth and sustainability. Under his stewardship, the company is embarking on an ambitious expansion journey that includes increasing its spinning capacity, setting up a cutting-edge processing unit, and advancing his passion for skill development through a dedicated skilling institute. These initiatives reflect his commitment to not just scaling operations but also empowering the industry and workforce with forward-thinking solutions.

### A Legacy of Quality in Spinning

Thiagarajar Mills was founded by Hari Thiagarajan's grandfather Karumuttu Thiagaraja Chettiar and later nurtured by his father Karumuttu T Kannan. It has long been synonymous with fine - count spinning, setting benchmarks for quality and reliability.

Operating with a capacity of 110,000 spindles, the company specializes in producing high-quality, 100% cotton yarns, primarily catering to export markets. The mill's reputation for excellence stems from its careful selection of raw materials, including imported extra-long staple cotton varieties such as Giza from Egypt, Supima from the US, and contamination-free cotton from Australia. With a strong focus on innovation, the company employs advanced technologies like TFOs (Two-for-One Twisters) and gassing machines to enhance yarn quality, especially for fine-count shirting fabrics and hosiery products, which find significant demand in the Italian market.

### Navigating Global Market Challenges

The global textile landscape has become increasingly complex, and Thiagarajar Mills is feeling the effects of these shifts, particularly in Europe. A prolonged recession in core markets like Germany and Italy has slowed demand, creating hurdles for export-oriented businesses. Additionally, the concept of near-shoring in Europe, aimed at shortening supply chains, has intensified competition from countries like Turkey and Uzbekistan. Delays in shipping and logistical inefficiencies further compound these challenges, making Indian exporters less competitive in terms of lead times.

Hari Thiagarajan believes that diversification is key. He emphasizes the importance of exploring alternate markets, such as the US and Canada, which have shown resilience. Moreover, he sees untapped potential in India's growing domestic market, driven by an expanding middle class and rising disposable incomes.

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### **Expansion Plans: Strengthening Operations and Diversifying Capabilities**

As part of its growth roadmap, Thiagarajar Mills plans to expand its spinning capacity by adding 15, 000 spindles. This move comes in response to rising domestic and international demand for high-quality yarn, particularly cotton and blended varieties. By increasing production capacity, the company aims to not only meet the growing market needs but also improve economies of scale, enhancing cost efficiencies across its operations.

This expansion will include investments in advanced machinery, such as automated winding machines and AI-driven technologies, to ensure superior quality and operational efficiency. The focus is on adopting innovations that minimize downtime, reduce waste, and increase productivity, aligning with global best practices in textile manufacturing.

#### **Processing Unit at PM MITRA Park**

One of the most exciting aspects of Thiagarajar Mills' expansion plans is the proposed setup of a cutting-edge processing unit in a PM MITRA Park coming up at Virudhunagar. These parks, envisioned by the Indian government, aim to create world-class infrastructure for spinning, weaving, processing, and garment manufacturing.

Operating with a capacity of 110,000 spindles, the company specializes in producing high-quality, 100% cotton yarns, primarily catering to export markets. The mill's reputation for excellence stems from its careful selection of raw materials, including imported extra-long staple cotton varieties such as Giza from Egypt, Supima from the US, and contamination-free cotton from Australia.

With a strong focus on innovation, the company employs advanced technologies like TFOs (Two-for-One Twisters) and gassing machines to enhance yarn quality, especially for fine-count shirting fabrics and hosiery products, which find significant demand in the Italian market.

The new processing unit will enable Thiagarajar Mills to move closer to vertical integration, offering finishing capabilities that complement its spinning operations. This step will allow the company to diversify its offerings by producing high-value processed fabrics, catering to both domestic and export markets.

The processing unit will be designed with a strong emphasis on sustainability. Plans include the installation of renewable energy solutions, such as solar and wind power, and water recycling systems to reduce environmental impact. The unit will also adhere to stringent international standards for quality and compliance, making it a preferred partner for global brands.

#### **Moving Closer to the Customer**

Thiagarajar Mills is transforming its business strategy to focus on value addition and customer proximity. Traditionally a B2B business, the company now seeks to create finished products, such as cotton-linen blends, to appeal directly to end consumers. "The strategy is to be one step or two steps closer to the customer than we were a few years back," Hari Thiagarajan explains. This shift aims to diversify revenue streams, enhance profitability, and strengthen the company's market position.

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## **Skill-Building: A Vision for Empowering the Workforce**

One of Hari Thiagarajan's most ambitious goals is addressing the critical skill gap in the textile industry. He envisions establishing a comprehensive skill-building hub in southern Tamil Nadu, which will cater to Thiagarajar Mills and the broader industry. This initiative is deeply personal, fulfilling a long-held wish of his late father to contribute to workforce development.

The proposed hub will offer short-term, flexible courses designed to equip workers with both traditional and advanced technical skills. "Education is becoming more fluid, and some skills may not take too long to learn," he notes. By integrating cutting-edge technologies like AI and automation, the center will prepare workers for the future while maintaining a balance between man and machine.

The hub will also explore launching a fashion technology program, filling a significant gap in the region's educational offerings. "Textile technology may not attract students today, but fashion technology has strong potential," Hari Thiagarajan observes. Collaborating with industry bodies like SITRA and SIMA, the center will provide high-quality training and certification, creating a skilled and employable workforce.

## **Balancing Tradition and Innovation**

While automation is reshaping the textile industry, Hari Thiagarajan stresses the importance of maintaining a human touch. "Automation is the way forward, but you still need the man-machine interface," he asserts. By combining traditional skills with advanced technology training, the proposed hub will ensure a holistic approach to workforce development.

## **Carving a Niche in a Challenging Landscape**

The textile industry is fraught with challenges, including limited margins, oversupply, and structural inefficiencies. Unlike sectors like IT or services, textiles demand a more cautious approach to growth. Hari Thiagarajan emphasizes the need to create a niche while avoiding over-leveraging or over-expansion. "This is the only business we've been exposed to," he states, underscoring the family's dedication to the sector while remaining open to opportunities in other industries. Despite its challenges, Hari Thiagarajan is optimistic about the enduring relevance of textiles,...

...citing clothing as a fundamental human need alongside food and shelter. With India poised to become the third-largest economy and its demographic dividend growing, he envisions a bright future for the industry, particularly as domestic and international demand rises. He highlights textiles as the second-largest employer in India, making its survival critical for sustaining millions of livelihoods.



## **Government Support and Strategic Investments**

Government policies and subsidies play a crucial role in fostering growth in the textile sector. However, Hari Thiagarajan cautions against basing investments solely on these incentives. "You invest because you have a business plan, not just for subsidies," he asserts. While he acknowledges the government's efforts in renewable energy and other areas, he calls for stronger policies to ease operational challenges, particularly in solar and wind energy.

He recognizes the cyclical nature of the economy, where investment and employment lead to increased consumer spending and government revenue. This cycle, he believes, is essential for driving sustainable economic growth.

## **Looking Ahead: A Strategy for Sustainable Growth**

Hari Thiagarajan outlines three key pillars for Thiagarajar Mills' future: value addition, cautious yet optimistic growth, and workforce skilling. The company's immediate focus is to launch the skill-building initiative within a year, starting small but with plans for a dedicated training center in the future. This center will not only serve the company but also contribute to the broader industry, aligning with Thiagarajar Mills' commitment to community development.

Under Hari Thiagarajan's forward-thinking leadership, Thiagarajar Mills is set to redefine its role in the textile industry. By focusing on value addition, customer-centric strategies, and comprehensive workforce development, the company is building a robust foundation for sustainable growth. As India's textile landscape evolves, Thiagarajar Mills' dual commitment to innovation and skill-building positions it as a leader poised to thrive in the global market while empowering the industry's workforce.



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# MIMAKI UNVEILS TRAPIS

## A Sustainable Revolution in Textile Printing

**Rodd Harrison**, General Manager, Global Brand Engagement, Mimaki



By K. Gopalakrishnan

At Heimtextil 2025 in Frankfurt, Mimaki showcased its latest breakthrough in textile printing technology—TRAPIS (Transfer Pigment System). This innovative solution is set to revolutionize non-synthetic textile printing by offering an eco-friendly, waterless alternative that eliminates traditional dyeing processes. In an exclusive conversation, Mr. Rodd Harrison, General Manager, Global Brand Engagement at Mimaki, shared insights on TRAPIS, its market impact, and its potential for transforming the global textile industry.

### Introducing TRAPIS: The Future of Sustainable Textile Printing

Mimaki's TRAPIS is a first-of-its-kind transfer pigment printing system that enables printing on non-synthetic textiles like cotton, linen, silk, and wool, as well as blends and synthetic fabrics such as lycra and spandex. Unlike traditional dye sublimation, which requires pre-coating and post-processing, TRAPIS eliminates these steps, reducing water and energy consumption dramatically.

The system works with Texcol paper from Coldenhove, where the bonding agent is embedded in the paper itself. The printing process is simple: print on the paper, transfer to fabric using a calendaring device, and the print is ready—no washing, steaming, or drying required. This two-step process simplifies production and opens up a world of applications, from apparel and...

...upholstery to curtains, roller blinds, and throw cushions.

### Sustainability at the Core

The textile industry is a major contributor to global water pollution and CO<sub>2</sub> emissions, with an impact comparable to the aviation sector. TRAPIS offers an environmentally sustainable alternative by removing water-intensive steps from the production cycle.

"We believe textiles need a revolution. Sustainability cannot be just a conversation—it requires tangible solutions. TRAPIS allows brands to reduce their environmental footprint while maintaining quality and flexibility," said Mr. Harrison.

Mimaki views this technology as a major step forward in sustainable printing, akin to where dye sublimation was 20 years ago. The industry now has an opportunity to shift upstream supply chains towards greener solutions, empowering brands to adopt genuinely sustainable practices rather than just making sustainability claims.

### Market Response and Adoption

Mimaki first introduced TRAPIS at major international events, including ITMA in Milan, FESPA, and Drupa in 2024, before launching a global roadshow in late 2024. The response has been overwhelmingly positive, with industry players recognizing its potential to streamline production, reduce costs, and expand textile application possibilities.

#### With TRAPIS, users benefit from:

- Faster production cycles, reducing turnaround from weeks to days
- A single ink, paper, and profile system, allowing seamless adaptation across multiple fabric types
- Lower skill and maintenance requirements, making it ideal for both large-scale manufacturers and small businesses

**"The market response has exceeded our expectations," said Mr. Harrison. "Customers appreciate the ability to print high-quality textiles in a cost-effective, sustainable way. This is the future of textile printing."**



# Sardar Vallabhbhai Patel

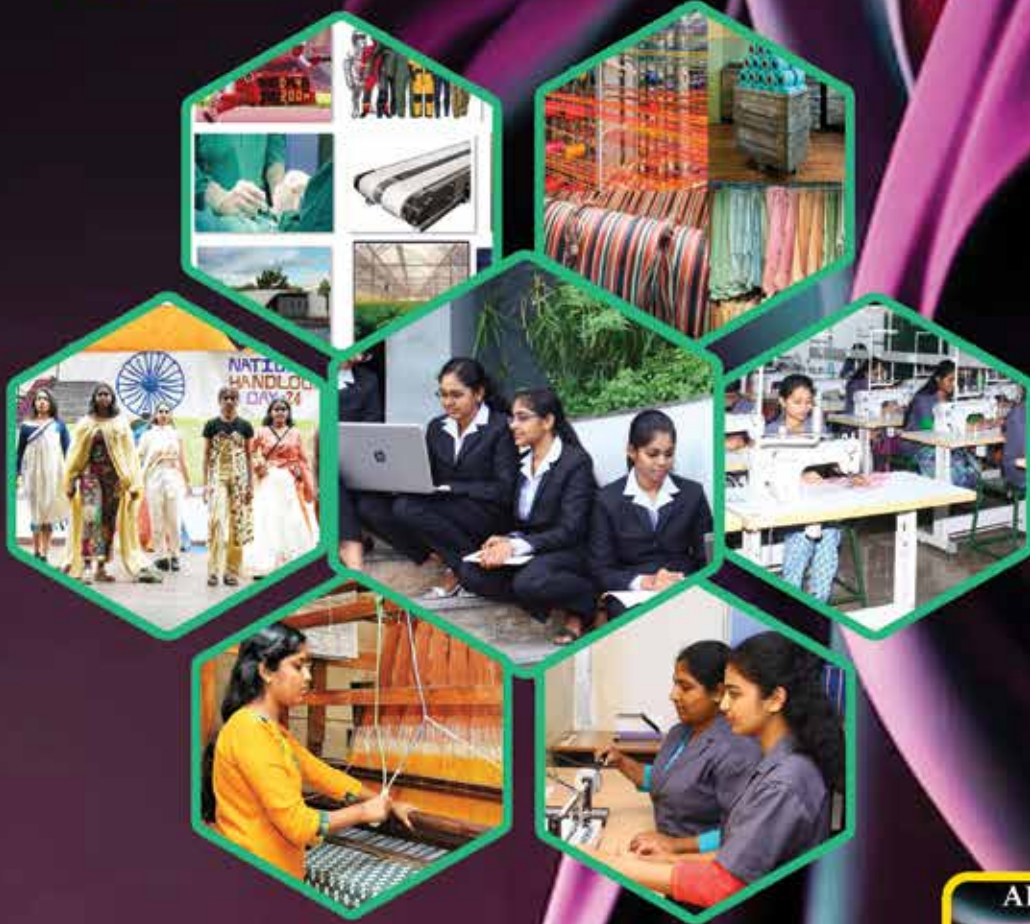
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### BAGS FROM BEETS AND A VEST OF CABBAGE!

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I think like you guys work hard and I'd like to know how you do it. Your wardrobe is... well, thank you for the article. A team from Saraja College of Arts and Sciences, Sardar Vallabhbhai Patel International School of Textiles and Management (SVPITM) has developed a vest to save food waste and vegetable waste into textile fibres. "We made high-strength fabrics such as leather, shoes, jackets and caps as well as other items and business from the textile waste market. We cleaned and dried them in the sunlight for a week and then processed them to get a fibre into them for the vest," says C Sarathkumar, senior professor of Chemistry. As part of the project, development of vegetable fibres by efficient thermal treatment, such as using heat and vegetable and fruit waste, the team also prepared a vest from these fibres and presented it.

"We wanted to develop a replacement material for animal leather since animal waste and other waste like that we have it with us, we use it in the press in it and target the export market," says Sarath Kumar. The team made vegetable leather bags, shoes, jackets and caps and used the material for testing. Once the project is approved by the ministry of Textiles, the experimental intervention can make an MoU with industries and start the production, says Sarath Kumar.

SVPITM received the project from Central West Development Board under the integrated social development programme. The faculty team was led by H Gopal of the department of physics.

"We also got support from the west development board in Bangalore and cleared the vest," says Sarath Kumar.

"We visited the west at our laboratory. We used vegetable powder with the vest and processed it as shown. We used the vegetable leather for the South India Textile Research Association for testing and we received a positive result," says Sarath Kumar.

SVPITM director P. Allam says that the project is a milestone for the institute. "It will be a step towards the sustainability of our textile industry," says Sarath Kumar.

"We are proud of our students' achievement in this project. We will continue to support such initiatives," says Sarath Kumar.



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The versatility of TRAPIS makes it suitable for both large-scale manufacturers and small businesses. Large manufacturers can integrate TRAPIS alongside existing dye sublimation processes to increase efficiency, while smaller businesses can leverage it to expand product lines with high-margin offerings.

“In a world where dye sublimation has become highly commoditized, TRAPIS allows businesses to differentiate themselves through new product categories. It provides the flexibility to print on a variety of textiles without coating requirements, reducing the barriers to entry for smaller enterprises,” Mr. Harrison explained. While TRAPIS is initially targeting home textiles, upholstery, and interior decor applications, Mimaki foresees a gradual adoption in the fashion industry, particularly as brands seek alternatives to polyester-based printing.

## The Indian Market and Future Prospects

India is a key market for Mimaki, and TRAPIS is already gaining traction among Indian manufacturers. While Mr. Harrison could not disclose details, he confirmed that a textile solutions provider in India has already begun working with the technology. He further emphasized that TRAPIS aligns with India’s growing demand for sustainable solutions, particularly in home textiles and fashion segments. “India is a natural fit for TRAPIS because of its diverse textile...

... heritage and increasing focus on eco-friendly production,” he said. Mimaki plans to host open house events and industry engagements in India, allowing manufacturers to explore how TRAPIS can enhance their production capabilities while reducing environmental impact.

## The Road Ahead for Mimaki and TRAPIS

Looking ahead, Mimaki has a full lineup of trade shows, conferences, and product launches planned for 2025. In addition to Heimtextil, the company will showcase TRAPIS at multiple international events, engaging with brands and manufacturers to accelerate its adoption.

“We’re excited about bringing real sustainability to the textile industry. This is just the beginning—more innovations will follow as we continue to lead the transition to eco-friendly printing technologies,” said Mr. Harrison.

Mimaki’s TRAPIS is not just another textile printing solution—it is a game-changer in sustainable manufacturing. By eliminating water-intensive processes, simplifying production, and expanding fabric possibilities, TRAPIS is paving the way for a greener, more efficient future in textile printing. With strong market interest, strategic industry partnerships, and a commitment to sustainability, Mimaki is set to redefine the future of digital textile printing—one innovation at a time.



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# Innovating Apparel Sourcing

V. Elangovan, Managing Director

## SNQS' Internationals at Bharat Tex 2025

By M. K. Prabhakar

**SNQS Internationals, a trailblazing apparel sourcing company headquartered in Tiruppur, Tamil Nadu, is gearing up to make a significant impact at Bharat Tex 2025, the prestigious trade fair set to take place in New Delhi. As part of the renowned SNQS group, which also includes SNQS Internationals Socks—one of India's leading socks manufacturers. SNQS Internationals also has a state-of-the-art apparel unit with 500 machines. The company continues to exemplify innovation, sustainability and global leadership in the textile industry.**

In an engaging conversation, **V. Elangovan, Managing Director of SNQS Internationals and Vice President of the Tiruppur Exporters' Association (TEA)**, expressed his excitement about the upcoming event. "Bharat Tex 2025 is a fantastic opportunity to connect with key stakeholders from the textile sector. It's a one-of-a-kind platform where industry players can exchange ideas, explore new trends, and forge collaborations," he said.

### Riding the wave of growth in 2024

Elangovan reflected on the positive trajectory of the textile and apparel sector in 2024, particularly during the second half of the year. "The latter part of 2024 has been exceptional," he remarked. "A combination of geopolitical developments and shifting buyer perceptions has positioned India as a contender in the market." The Tiruppur cluster, widely regarded as a hub of textile excellence, has witnessed a surge in demand. "We were overwhelmed with orders in the last two quarters," Elangovan noted. "It's a testament to the resilience and capacity of our cluster."





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### **Leveraging the China-Plus-One strategy**

The global shift towards the China-Plus-One strategy has opened new doors for Indian manufacturers, particularly in the cotton fiber segment. “The strategy has worked in our favor, especially for cotton products. However, in the man-made fiber (MMF) sector, we’re still in the early stages. Investments have started flowing, and with time, we’ll catch up,” he explained. Political instability in neighboring Bangladesh has further underscored the importance of diversifying sourcing destinations. “India is emerging as a stable and reliable supply chain hub. As geopolitical tensions ease globally, we look forward to sustained peace and growth,” he observed.

### **Achievements and milestones**

SNQS Internationals has made remarkable strides in 2024, achieving a 15% growth rate and expanding its sourcing footprint to include Egypt and Bangladesh. “A major highlight for us was the opening of our design studio in Barcelona,” Elangovan shared before adding, “Reaching the USD 250 million milestone was another proud moment.”

### **Aspirations for the future**

With an ambitious vision, SNQS Internationals is aiming to become a billion-dollar company within the next five years. “We are unlocking our potential and planning significant global expansions,” Elangovan stated confidently. “Our growth strategy is well-defined, and we are on track to achieve it.”

### **Promoting sustainability in Tiruppur**

As a key advocate for sustainable practices, Elangovan highlighted TEA’s efforts to position the cluster as an Environmentally, Socially, Governed (ESG) hub. “Our cluster operates with 100% Zero Liquid Discharge (ZLD) and generates around 2000 MW of green energy. “These initiatives showcase Tiruppur as a model for sustainability and innovation,” he said. The MMF segment in Tiruppur is also gaining momentum. “Investments in technology and machinery are paving the way for growth in this sector,” Elangovan remarked. “As demand rises, we anticipate a significant uptick in production and capacity,” he added.

### **Looking ahead to Bharat Tex 2025**

SNQS Internationals is eagerly preparing to showcase its expertise at Bharat Tex 2025. “We invite visitors from across the globe to explore our offerings and discuss potential collaborations,” Elangovan said. “Our stall will be a hub of innovation and partnership opportunities. Join us at Hall No: 4 F, Stall No: T 10,” he signed off.



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# BIRLA CELLULOSE

## LEADING THE SUSTAINABLE TEXTILE REVOLUTION

Birla Cellulose, the global leader and world's largest producer of man-made cellulosic fibers (MMCF), is making significant strides in the textile industry by offering sustainable and innovative fiber solutions.

**Himanshu Bhardwaj**, Vice President of Marketing and Business Development

By K. Gopalakrishnan

At the recent Heimtextil 2025 in Frankfurt, the company unveiled groundbreaking advancements in eco-friendly textile solutions. Himanshu Bhardwaj, Vice President of Marketing and Business Development, shared insights into the company's focus areas, new innovations, and its growing impact on home textiles, apparel and technical textiles. With a strong emphasis on sustainability and performance, Birla Cellulose is pioneering alternative fiber solutions that enhance the experience while reducing environmental impact.

At Heimtextil 2025, Birla Cellulose introduced several cutting-edge textile solutions, reinforcing its commitment to sustainability, efficiency, and enhanced consumer experience. The event served as a platform to showcase industry-transforming innovations that cater to evolving consumer and environmental demands.

### ***Product Spotlights at the event:***

- **Wool/Birla Viscose Single Bath Dyeing Process:** This breakthrough dyeing technology revolutionizes the carpet industry by enhancing dyeing efficiency while achieving brighter, more vibrant colors with minimal resource consumption.
- **Sustainable Bed & Bath Linens:** Eco-friendly linens crafted from Liva Reviva made with Circulose, emphasizing circularity and sustainability.

- **Temperature-Regulating Fibres:** Bed linen using Birla fibers, powered by Cocona's 37.5 technology, which provide unmatched comfort for bedding solutions.
- **Viscose/Linen Luxury Bedding:** A premium collection of viscose/linen blends offering unparalleled sophistication, comfort, and elegance for the luxury segment.
- **Sustainable Spunshades Viscose:** A standout innovation that eliminates the need for fabric or yarn dyeing, significantly reducing effluent discharge while remaining bleach-safe—a milestone in eco-conscious textile manufacturing.
- **Furnishing and Flooring Solutions:** A perfect blend of sustainable Birla Livaeco viscose with natural Jute fibers, designed for furnishing and flooring applications. These products offer durability, aesthetics, and environmental responsibility for modern interiors.

With over 150+ engagements including Brands, Retailers, Importers with Birla Cellulose during the event and productive discussions with suppliers and value chain partners, Heimtextil 2025 was a resounding success for the company.

### **Expanding Presence in Home Textiles**

Birla Cellulose is enhancing its focus on home textiles, an area with immense potential for MMCF applications. From bed linen, bath linen, upholstery, and drapery to floor coverings and pillows, Birla Cellulose fibers offer superior performance attributes compared to other conventional fibers. Excel (Lyocell), Ecosoft (Bamboo Viscose), and Eucacel (Eucalyptus Viscose) are gaining strong acceptance and experiencing significant growth across all home textile applications, particularly in bed and bath linen, in addition to Livaeco Viscose, Birla Spun shades, and Birla Modal. Livaeco Viscose fibers contain a unique molecular tracer which helps in source verification across the value chain.

Given India's agricultural dependence on cotton, alternative fiber solutions are crucial for stability in pricing and supply chain sustainability. Mr. Bhardwaj explained that with the larger share of MMCF in the products, retailers can have the advantage of stable pricing and enhanced performance, reducing dependency on fluctuating cotton prices.

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<b>PRODUCTS</b>	<p><b>We are Aligned with United Nation SUSTAINABLE DEVELOPMENT GOALS</b></p>	<b>DESIGN</b>
Mens, Womens and Kids cut & sew Jersey apparel		<ul style="list-style-type: none"> <li>CAD</li> <li>3D Draping</li> <li>3D Sampling</li> </ul>



### **Sustainability: The Core of Birla Cellulose**

Sustainability is a key focus area for Birla Cellulose. The company has consistently ranked highest in the Canopy Hot Button Report, earning the Dark Green Shirt ranking for five consecutive years and maintaining its No. 1 position in the global ranking for two consecutive years. This prestigious rating recognizes Birla Cellulose's commitment to environmental responsibility, sustainable forestry practices, chemical management and transparency across the value chain.

The company's innovations aim to reduce water and chemical usage while maintaining the high-quality attributes of its fibers. Eco-friendly fiber production, waste reduction, and circular economy initiatives are embedded in the company's operations, ensuring a greener future for the textile industry.

### **Market Performance & Growth Strategies**

Despite global challenges such as geopolitical tensions and economic slowdowns, Birla Cellulose has seen steady growth. The company has successfully attained capacity utilizations from fiber applications across all categories. Home textiles as a category, though requiring longer conversion cycles, is showing consistent and progressive annual growth.

Birla Cellulose works closely with retailers, wholesalers, and partner mills to educate them about fiber benefits, develop new products, and integrate innovative solutions into their supply chains.

While Europe remains relatively slower due to economic uncertainty, the US market is responding well to our new products and innovations, Mr Bhardwaj stated.

### **Future Outlook and Retail Expansion**

Birla Cellulose is strategically positioning itself to cater to both domestic and international markets. Liva, one of its flagship brands, supplies over 50 million apparel tags per year, reflecting the increasing consumer preference for sustainable fibers. The company is now working closely with Indian retailers to integrate MMCF into home textile categories, similar to its global expansion strategy. With a strong commitment to sustainability, innovation, and market expansion, Birla Cellulose continues to lead the textile industry's transition towards eco-friendly fiber solutions.

The company's advancements in home textiles, apparel, and technical textiles demonstrate its ability to meet evolving consumer demands while prioritizing environmental responsibility. As the global market embraces sustainable textiles, Birla Cellulose remains at the forefront, shaping the future of next-generation fiber technologies. Through innovation, collaboration, and a commitment to sustainability, the company is set to redefine the textile industry for years to come.





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**Mr. Ram Murugesan,**  
Managing Director,  
Paramount Textile Mills

By M. K. Prabhakar & Mohanraj

# PARAMOUNT TEXTILE MILLS

REDEFINING SUSTAINABLE LUXURY  
HOME TEXTILES WITH INNOVATION  
AND FAIR-TRADE PRACTICES

Paramount Textile Mills, based in Madurai, Tamil Nadu, is a shining example of India's leadership in luxury home textiles. Since its inception in 1979 by Smt. Laxmi Murugesan, the company has grown from a humble weaving setup into a globally recognized, vertically integrated textile powerhouse. Under the visionary leadership of Mr. Ram Murugesan, Managing Director, Paramount has blended innovation, sustainability, and ethical practices to redefine the standards of luxury and functionality in home textiles.

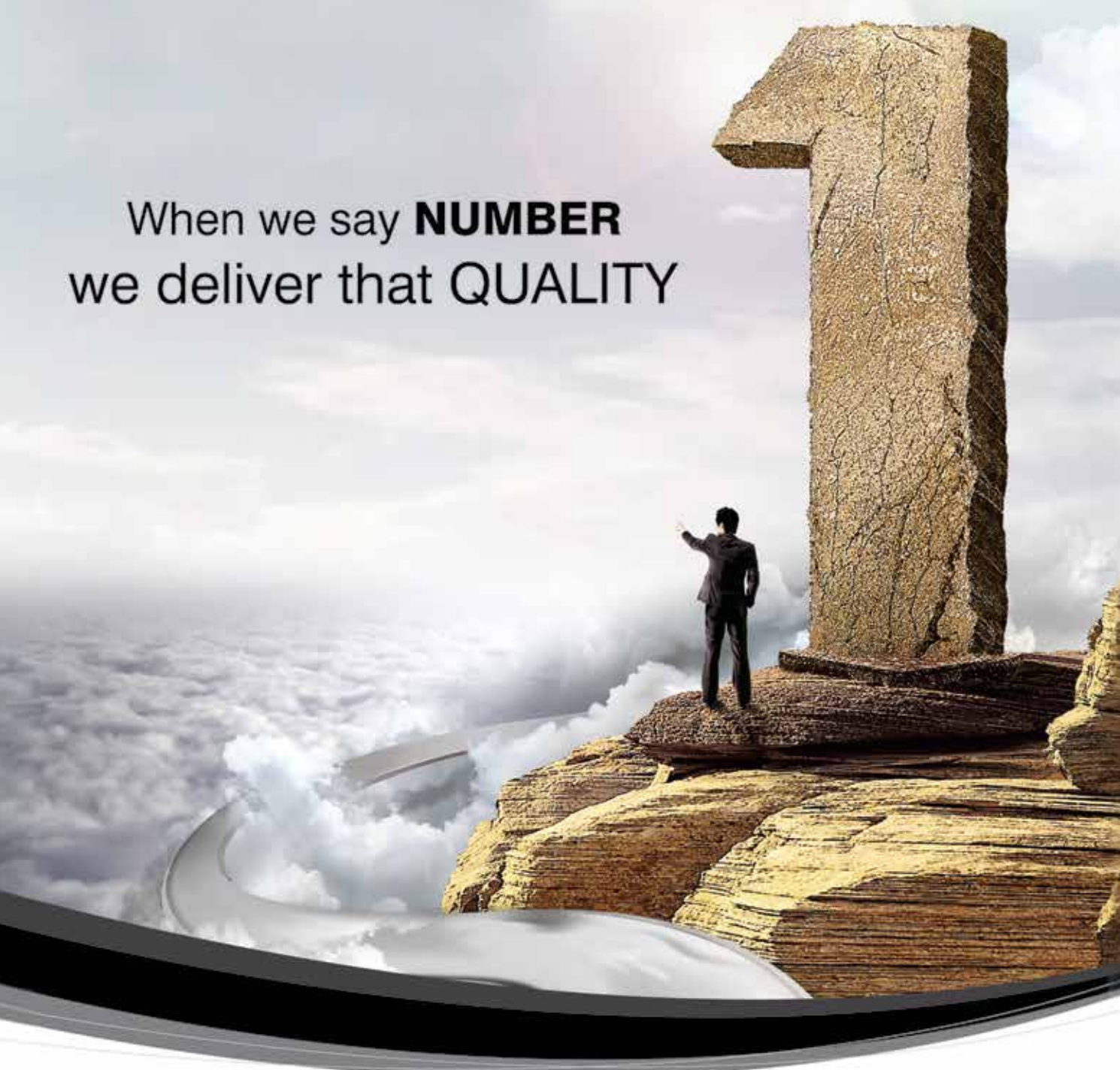
## **A Legacy of Empowerment and Excellence**

Paramount Textile Mills, with its state-of-the-art facilities spread across four locations, employs over 2,500 individuals, creating a thriving ecosystem for both its employees and communities. "Empowering people and communities have always been at the heart of Paramount's journey," says Mr. Ram.

Over the past 45 years, the company has achieved a production capacity of over 18 million meters of fabrics and 8 million sheet sets annually, catering to elite clients worldwide, including high-end private labels, e-commerce labels and luxury hospitality brands. "Bespoke" design & proprietary class have always been the hallmark of the company.



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Specializing in fine fabrics made from extra-long staple (ELS) cotton like Giza 45 and Sea Island, as well as alternative fibers such as Tencel, Bamboo, and Hemp, Paramount's offerings stand out for their class, finesse, and unmatched quality.

### **Innovating Luxury with Functionality**

As a market leader in luxury bed linens, Paramount has consistently pushed the boundaries of innovation. The company's exploration of functional textiles includes bamboo-based antibacterial fabrics, thermal sheets for cold climate, and vitamin-infused fibers for skin-friendly products. The company's continued appetite to explore new age fabrics resulted in its first patent on a unique seaweed plant in consistent combination from ELS cotton to work on its first ultra luxury bedding brand to go to the markets by 2027.

"Our focus on innovation is guided by our commitment to creating differentiated products. Functional textiles like sleep-enhancing sheets and thermal fabrics represent the future of the industry," shares Mr. Ram. Paramount's recent addition of an in-house filling plant with alternative to conventional fills for duvets and pillows underscores its dedication to meeting diverse customer needs with precision.

### **Sustainability: Embedded in the DNA**

Sustainability is at the core of Paramount's operations. The company has pioneered fair trade practices, being among the early adopters of organic cotton in 2005. Certifications like GOTS and FLO-CERT for fair trade reflect its commitment to ethical practices. Paramount has also embraced renewable energy through solar and wind power, water harvesting, recycling, and upcycling, and even operates a go-bio gas plant that fuels its cafeteria.

"Sustainability is not just a responsibility; it is a way of life at Paramount. From optimizing resources to reducing wastage, every step we take is towards creating a better future," explains Mr. Ram.



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### Enhancing Efficiency & Quality

Paramount has strategically invested in automation and advanced technologies such as IoT and machine learning to streamline production processes. These advancements have transformed the traditionally labor-intensive textile industry, enabling real-time machine-to-machine data integration. “Automation is key to enhancing productivity and decision-making. It allows us to achieve precision and efficiency, which are critical in today’s competitive landscape,” highlights Mr. Ram.

### Global Leadership and Future Expansion

Paramount’s products grace the shelves of discerning clients across the USA, Far East, Middle East, and Australia, making it a trusted sourcing partner for elite brands. The company has achieved consistent year-on-year growth of 15–18%, with a total revenue of \$ 72 million in the last fiscal year. Mr. Ram envisions further growth through vertical integration under the PM MITRA scheme, which will bring spinning, weaving, and processing under one roof. “Our goal is to strengthen our value chain, expand into new geographies, and remain...

...a class market player in luxury and functional textiles,” he asserts. Looking ahead, Paramount aims to establish a unique domestic brand while continuing to explore innovative yarns and fabrics, solidifying its position as a leader in the global textile market.

### Weaving a Future of Excellence

Paramount Textile Mills exemplifies how a perfect blend of tradition, innovation, and sustainability can lead to global leadership. Under Mr. Ram Murugesan’s guidance, the company continues to set benchmarks in luxury home textiles while empowering communities and fostering environmental responsibility.

As Mr. Ram aptly puts it, “At Paramount, success is not just about growth; it is about creating a legacy of excellence, sustainability, and empowerment.” This philosophy ensures that Paramount Textile Mills remains a trailblazer in the ever-evolving textile industry, weaving a story of innovation and fairness into every thread.



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## RSWM LIMITED: POWERING GROWTH WITH INVESTMENTS AND SUSTAINABLE INNOVATION

### Blending Tradition with Technology: Unveiling 'Panchtatva' Vision for the Future of Textiles at Bharat Tex

RSWM Limited, the flagship company of LNJ Bhilwara Group, is spearheading a transformative journey with strategic investments, capacity expansions, and a deep commitment to sustainability. As one of India's leading manufacturers and exporters of synthetic, cotton, and blended spun yarns and fabrics, RSWM is making bold strides in innovation and sustainable textile production. At Bharat Tex 2025, the company is set to showcase its groundbreaking 'Panchtatva' initiative—an innovation-driven approach inspired by the five elements of nature: Fire, Earth, Water, Air, and Space.

This initiative blends ancient wisdom with cutting-edge technology to create textiles that are not only functional and high-performance but also environmentally responsible. With major investments, including a ₹730 crore greenfield project in Jammu & Kashmir, an expanded knitting business, and the acquisition of Ginni Filaments, RSWM is reinforcing its leadership in the global textile industry. Through these advancements, the company continues to drive excellence, enhance sustainability, and set new benchmarks for the future of textiles.



### Massive Investment in Jammu & Kashmir

In a landmark move, RSWM has announced an investment of Rs. 730 crore to establish a new production unit in Jammu & Kashmir. Spread across 32 acres, the new facility is set to become operational within the next 18-24 months and will create employment opportunities for nearly 3,000 individuals. This strategic expansion underscores RSWM's commitment to bolstering India's industrial infrastructure and contributing to economic development in the region. The new plant will focus on producing high-quality yarns and fabrics, catering to both domestic and international markets.

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Rajeev Gupta, Chief Executive Officer RSWM Ltd

### Showcasing 'Panchtatva' Inspired Textile Innovations at Bharat Tex 2025

At Bharat Tex 2025, RSWM is set to unveil its 'Panchtatva' inspired textile innovations, a unique initiative rooted in the five natural elements—Fire, Earth, Water, Air, and Space. This initiative aligns with Prime Minister Narendra Modi's 'Mission LiFE', which promotes a sustainable and eco-conscious approach to production.

- Fire: Showcasing fire-retardant, UV-resistant, and heat-protective textile ingredients with advanced thermoregulating properties.
- Earth: Promoting durability and sustainability by using organic cotton, hemp, jute, and biodegradable polyester.
- Water: Textiles with moisture-wicking, quick-drying, and water-repellent properties for superior functionality.
- Air: Lightweight, breathable, and anti-odor yarns, including innovative mesh knits and lightweight denim.
- Space: Future-ready textiles with high-tech fibers, graphene-enhanced fabrics, and adaptive materials.

Mr. Riju Jhunjunwala stated, "At RSWM, we take immense pride in blending tradition with sustainability. Our Panchtatva innovations highlight the deep connection between textiles and nature, offering a perfect harmony of legacy and modernity."

Mr. Rajeev Gupta, CEO of RSWM, added, "Bharat Tex 2025 is a perfect platform to showcase India's leadership in sustainable textile solutions. Our Panchtatva initiative is a step toward building an eco-conscious, future-ready textile ecosystem."



### Knitting Business Expansion

RSWM has made a foray into the circular knitting fabrics market with an initial investment of ₹80 crores. Operating under LNJ Knits, the division specializes in high-quality Single Jersey, Interlock, Rib, and Fleece fabrics, designed to meet modern consumer demands for comfort and performance.

- Manufacturing capacity: 4,800 metric tons per annum (MTPA) at the Banswara plant in Rajasthan.
- Additional capacity: 4,300 MTPA through strategic acquisition.
- Target market: The global knits market, valued at \$206 billion, where India currently holds only a 4% market share.

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This investment is poised to strengthen RSWM's product portfolio and market position, allowing it to cater to the rapidly growing demand for knitted fabrics in both domestic and international markets.

#### **Ginni Filaments Acquisition: Strengthening Market Presence**

In a strategic move to enhance its production capabilities, RSWM acquired Ginni Filaments' spinning, knitting, and processing business in Mathura, UP.

- **Capacity Boost:** The acquisition has increased RSWM's yarn output by 55 tonnes per day.
- **Enhanced Infrastructure:** 80,016 spindles, 720 rotors, and the ability to produce 12 tonnes of knitted fabric per day.
- **Operational Efficiencies:** The acquisition is expected to boost EBITDA and improve earnings per share (EPS), reinforcing RSWM's financial stability.



This acquisition allows RSWM to integrate modern spinning assets into its portfolio, generating substantial operational efficiencies and reinforcing its position as a top textile manufacturer.

#### **Sustainability Initiatives**

RSWM has been at the forefront of sustainable textile production, aligning its operations with environmentally responsible practices. Inspired by the Panchtatva philosophy, the company has taken significant steps toward reducing its carbon footprint.

- **Fire:** Adoption of biofuels to replace coal-based boilers.
- **Earth:** Tree planting initiatives and use of organic fertilizers to maintain greenery.
- **Water:** Advanced Zero Liquid Discharge (ZLD) systems conserving over 13 lakh kiloliters annually.
- **Air:** Reduction of 800,000 MT of CO2 emissions per year.
- **Space:** Generation of 76.5 million kilowatts of renewable power through solar and wind energy.

These initiatives underscore RSWM's commitment to building a greener, more sustainable future for the textile industry.

## **OUTLOOK**

RSWM Limited's aggressive expansion strategy, combined with its commitment to sustainability and innovation, is setting new benchmarks in India's textile sector. With investments totaling over Rs. 800 crores across various projects, the company is poised for substantial growth.

From setting up a new facility in Jammu & Kashmir to pioneering sustainable textile solutions through the Panchtatva initiative, RSWM is reinforcing its leadership in global textile manufacturing. The company's continued focus on technology, sustainability, and market expansion positions it as a key player in the evolving textile landscape, driving growth and innovation for years to come.

# Hoses for Textile Machineries



## PU HOSE LIGHT DUTY

Wall made of highly abrasion resistant Polyether- Polyurethane - as microbes and hydrolysis resistant version (wall thickness between the spirals approx. 0.4 mm), copper-plated spring steel spiral embedded into the wall.

Hoses for Carding, Draw Frame, Waste Collection System & Blow Room Machines

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Hoses for Carding, Draw Frame Compact Spinning & Blow Room Machines



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Hoses for Compact Spinning Machines & Waste Collection Systems

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Hoses for Compact Spinning Machines



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## PU HOSE - LIGHT DUTY

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Bale Plucker Suction hoses for LA-21, LA-23 & China.

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 Hoses for Air Cleaning

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Working Pressure : 25kg/cm<sup>2</sup>

Hoses for Air Cleaning





**Ankit Jain, Director, Neelam Threads**

# NEELAM THREADS

## A LEGACY OF EXCELLENCE IN EMBROIDERY THREADS

Neelam Threads Pvt. Ltd., under its well-established brand "TELEPHONE" has been a pioneer in embroidery and sewing thread manufacturing in India since 1979.

**With a strong focus on quality, innovation, and sustainability, the company has cemented its reputation as one of the most trusted suppliers of Viscose and Polyester embroidery threads to leading exporters, garment manufacturers, and high-end fashion designers.**

Founded by Late Mr. Satender Kumar Jain, Neelam Threads has continuously evolved to meet market demands while maintaining an unwavering commitment to excellence. Today, the company offers a diverse product portfolio, cutting-edge production facilities, and environmentally responsible practices, making it a leader in India's textile industry.

### **A Comprehensive Product Portfolio**

Neelam Threads takes pride in offering a wide range of high-quality embroidery threads, available in 2,000 color shades, catering to the diverse needs of the fashion, textile, and garment industries. The company's key product categories include:

- Viscose Rayon Embroidery Thread - Known for its superior sheen and softness, ideal for high-end embroidery applications.
- Tribal Polyester Embroidery Thread - A durable, colorfast thread designed for intricate embroidery work.
- Spun Polyester Embroidery & Stitching Thread - Offering high strength and smooth texture, making it a preferred choice for stitching and decorative embroidery.
- Metallic Zari Embroidery Thread - Perfect for adding a luxurious and rich finish to embroidered designs.

### **Commitment to Sustainability: A Greener Future**

Neelam Threads has embedded sustainability at the core of its operations, taking proactive steps to minimize environmental impact and maximize resource efficiency. The company has invested heavily in eco-friendly infrastructure and advanced technology to ensure its manufacturing processes align with global environmental standards.

### **Sustainability Initiatives at Neelam Threads**

**Effluent Treatment & Water Conservation:** The company's dyeing unit is equipped with an advanced Effluent Treatment Plant (ETP) to ensure responsible wastewater management. Additionally, all four production units have rainwater harvesting systems, reducing dependence on freshwater resources.

- **Energy Efficiency & Renewable Energy:** The corporate office in Delhi is powered entirely by solar energy, operating with 100% LED lighting to minimize electricity consumption.
- **Eco-Friendly Manufacturing Practices:** Neelam Threads holds the prestigious Oeko-Tex certification (Product Class I), ensuring that its products meet the highest safety standards, even for baby articles.

**Technological Upgrades for Sustainability:** In 2022, the company installed an automatic tubing/reeling machine from a Swiss company, a first in India for embroidery thread manufacturing. This enhanced efficiency and improved product quality.

Neelam Threads has received ZED (Zero Defect Zero Effect) certification for all its four factories, reinforcing its commitment to sustainable and high-quality manufacturing.

Neelam Threads Pvt. Ltd. has successfully blended tradition with innovation, offering world-class embroidery threads while embracing sustainability and technological advancements. As the company continues to expand its product range and invest in eco-friendly practices, it is well-positioned to lead the embroidery thread industry into a more sustainable and efficient future.

With its commitment to quality, customer satisfaction, and environmental responsibility, Neelam Threads remains a trusted partner for garment manufacturers, designers, and exporters, both in India and across the globe.



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Pictured at the Monforts ATC (left to right) are Archroma's Global Market Segment Synthetics Expert Mark Dahman and Technical Segment Manager for Coating Dirk Grafen, Monforts Technologist Saskia Kuhlcn, Rick Stanford, Michael Schuhmann and Hans Gerhard Wroblowski.

## MONFORTS MONTEX WITH BALDWIN TEXCOAT™ G4 TECHNOLOGY NOW AVAILABLE FOR TRIALS

**Monforts has completed the installation of a Baldwin TexCoat™ G4 digital spray unit at its Advanced Technology Center (ATC) in Mönchengladbach, Germany.**

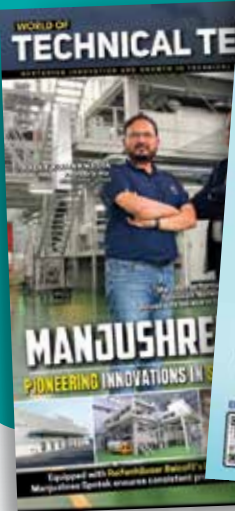
It has been successfully integrated into one of the two full-size Montex stenter lines at the ATC and is now available for full customer trials, especially for making full use of the latest advanced sustainable finishing chemistries supplied by Archroma. BW Converting's TexCoat G4 enables softeners, antimicrobials, durable water repellents, flame retardants and many other water-based chemicals to be precisely applied to textile surfaces, and in combination with industry-leading Montex stenters can reduce water, chemistry and energy consumption by 50% compared to traditional pad application processes.

Monforts is providing vital support to dyeing and finishing manufacturers in their development projects, successfully boosting the quality and performance of many new finished products while at the same time maximising productivity and resource utilisation.

"Our ATC houses two full Montex stenter finishing lines engineered to accommodate an extremely diverse range of processes, in addition to a Thermex range for the continuous dyeing of denim and other woven fabrics, a full color kitchen and a number of lab-scale systems for smaller batch trials," says Monforts Head of Sales for South-East Asia Hans Wroblowski. "It enables our customers to test their own textiles and technical fabrics under fully confidential, real production conditions and using the results from these trials we are also able to make recommendations for improving many fabric finishes.

"This partnership is already creating a buzz in the industry and we have several textile manufacturers lining up to take advantage of running production trials at the ATC," adds Rick Stanford, vice-president of global business development for textiles at BW Converting. "Together we are in a position as never before to accelerate the pace of transformative change in the dyeing and finishing 2300 South Ashland Ave P.O. Box 19005 Green Bay, WI USA 54304-19005 space that will result in significantly lower energy, chemicals and water consumption with increased productivity and higher quality."

"With the extension of our long-standing partnership with Baldwin – now including the processing expertise and knowhow of Monforts – the development of new concepts for chemical functionalisation and coloration will be taken a step further," says Michael Schuhmann, Global Market Segment Manager for Technical Textiles at Archroma Textile Effects. "Additionally, we can now demonstrate potential savings and performance levels under actual industrial conditions, providing mill partners with clear proof of efficiency without disrupting their production."



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# ADANI GROUP & INDORAMA RESOURCES

Announce Joint Venture  
to Establish **Valor**  
**Petrochemicals Limited**



Gautam Adani, Chairperson of Adani Group

**Adani Petrochemicals Limited (APCL), a wholly owned subsidiary of Adani Enterprises Limited, has entered into a strategic joint venture with Indorama Resources Limited, Thailand, to establish Valor Petrochemicals Limited (VPL). The newly incorporated company, registered in Mumbai, will focus on refinery, petrochemical, and chemical business, further strengthening Adani Group's presence in the sector.**

As part of the joint venture agreement, APCL and Indorama will each hold a 50% stake in Valor Petrochemicals Limited. The company has an initial authorized and paid-up share capital of Rs. 5,00,000, divided into 50,000 equity shares of Rs. 10 each.

An official statement from Adani Enterprises stated, "This joint venture aligns with our vision to expand and strengthen our position in the petrochemical industry. The collaboration with Indorama Resources will allow us to leverage global expertise and set new benchmarks in the sector." Valor Petrochemicals Limited will play a crucial role in advancing India's petrochemical capabilities, focusing on sustainable and high-value solutions for the industry.

Adani Enterprises is the flagship company of the Adani Group, a globally integrated infrastructure player with diverse interests in energy, resources, logistics, agribusiness, real estate, and financial services. Indorama Resources Limited is a leading global player in petrochemicals and advanced materials, committed to innovation and sustainable development in the industry. This partnership marks a significant step in India's petrochemical growth, with both companies offering world-class solutions.



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# ADWAITH LAKSHMI'S

## Home textile innovations take the spotlight at Bharat Tex

Ravi Sam, Managing Director

By M. K. Prabhakar & Mohanraj

**Adwaith Lakshmi has become a name synonymous with world-class home textiles. As part of the esteemed Adwaith Group, the company is gearing up to showcase its innovative product range at Bharat Tex 2025, scheduled to take place in New Delhi.**

**“We are happy to participate at Bharat Tex 2025,” says Ravi Sam, Managing Director of the company, in an exclusive interview at the company’s Coimbatore headquarters. “It is indeed a wonderful initiative from the Government of India to showcase the country’s prowess in the field of textiles,” he adds.**

“We were pleasantly surprised by the footfall in the first edition. We don’t see Bharat Tex as a national show but as an international one. We will have a bigger booth this year and will showcase our entire range of products at the trade show.”

### **A legacy of excellence**

Adwaith Lakshmi’s journey is a testament to perseverance and innovation. Established as a spinning entity in 1956, the company quickly gained a reputation for producing high-quality yarn. In 2014 started, to...

... expand the home textiles segment, and that is growing steadily ever since. Today, its diverse product portfolio caters to both retail and commercial markets, including terry towels, bathrobes, bath mats, terry blankets, bed linen fabrics, kitchen table napkins, and medical textiles.

### **Expanding domestic and global reach**

Discussing the company’s business mix between domestic and export markets, Ravi Sam states, “It is about 85% exports and 15% domestic sales. We are working on strengthening our domestic business channels by collaborating with key retail brands. Our aim is to achieve a 70:30 ratio, not by reducing exports, but by increasing the scale of both segments significantly in the near future.” Adwaith Lakshmi has been expanding its global footprint over the years, with key export markets including the US, LATAM, Europe, the Middle East, the Far East, and Japan.





### State-of-the-Art manufacturing infrastructure

The company has always prioritized infrastructure development and modernization to stay ahead of industry trends. Addressing recent investments in manufacturing, Ravi Sam shares, “Ever since we started to expand, the home textiles segment in 2014, our last 10 year CAGR is quite encouraging and we have maintained steady growth. We have a clear vision and take steps accordingly.”

“For instance, we have invested significantly in the green energy, including solar and wind power. Over the last year, we added about 10 MW of solar power and augmented our wind power generation capacities. Additionally, we have set up a state-of-the-art processing unit at SIPCOT, Perundurai, along with a modern ETP plant and a five-stage recovery RO plant. We have created an infrastructure for water treatment in such a way, that we can double our production capacities in no time, just by adding, machines, few Automation in finishing, which is another area where we have made significant strides. All these investments align with our long-term goals,” he explains.

### Sustainability at the core

Adwaith Lakshmi has built a strong reputation for its commitment to sustainability. According to Ravi Sam, the company’s sustainability initiatives go beyond using eco-friendly fibers or producing green products.

“We prioritize sustainable manufacturing processes,” he states. “We have made significant investments in green energy and water conservation through our five-stage reverse osmosis systems”, all these combined together, create a sustainable product.

The company has also been actively promoting ‘Kasturi Cotton,’ a government initiative aimed at ensuring completely traceable, high-quality cotton. “Kasturi Cotton is a very good initiative from the government. We are promoting it in a big way. At the end of the day, anything created by nature is sustainable,” he observes.

### A bright future

Expressing optimism about the future of the Indian textile industry, Ravi Sam believes that things are moving in the right direction. “The government is working towards creating an ecosystem conducive to industry growth. A good example is the development of textile parks, which provide entrepreneurs with plug-and-play facilities. These parks will offer infrastructure for sizing, processing, finishing, and more. Such initiatives will lead to increased production volumes, superior quality and better opportunities,” he explains.



### Adwaith Lakshmi’s vision

Regarding the company’s future plans, Ravi Sam emphasizes a customer-centric approach. “We don’t focus on volumes. Our goal is to be a distinguished player offering value-added products and the best customer experience. This strategy has yielded excellent results, with our customer retention rate at 96%. We aim to maintain and further improve upon this achievement,” he shares.

### Expectations from Bharat Tex 2025

Ravi Sam is confident that the second edition of Bharat Tex will be an even bigger success than the first. “A lot has been done by the Bharat Tex team, to ensure the grand success of the event. Promotional roadshows and other initiatives have been conducted globally to attract buyers, where he was also part of the US delegation. The organizers have made the right kind of arrangements, and we expect good footfall,” he remarks.

**The team at Adwaith Lakshmi is eagerly looking forward to engaging with visitors from across the world at Bharat Tex 2025. “Visitors can find us at HALL NO, 14G, Stand No C3 at the event,” Ravi Sam signs off with enthusiasm.**



**Alessandro Manes,**  
CEO of Aleph Srl



**Kevin Myers,** International Sales  
Manager – Textiles, Aleph



**Vinod Krishnamurthy,** CEO of  
Fortuna Colors and Prints

# ALEPH

REINFORCES COMMITMENT TO

# INDIA'S

DIGITAL TEXTILE PRINTING INDUSTRY

## with Sustainability and Innovation

By K. Gopalakrishnan & Nithin Kumar

### A Strategic Vision for Growth, Technology, and Environmental Responsibility

Aleph, a globally recognized name in industrial digital textile printing, is making significant strides in the Indian market with a strong emphasis on sustainable, high-performance solutions. Backed by cutting-edge technology, advanced printing solutions, and the recent acquisition by Durst, the company is poised to redefine the textile printing landscape in India.

At the forefront of this transformation are Mr. Alessandro Manes, CEO of Aleph Srl – (A Durst Company), Mr. Kevin Myers, International Sales Manager – Textiles of Aleph Srl – (A Durst Company) and Mr. Vinod Krishnamurthy, CEO of Fortuna Colors and Prints, Aleph's partner in India.

**In exclusive discussions, they shed light on Aleph's journey, innovations, and ambitious roadmap for expanding in India with a focus on waterless, sustainable textile printing technologies.**

### Aleph's Journey: A Legacy of Innovation in Digital Textile Printing

Aleph was founded in Italy's Como region, a hub for textile innovation, and has been at the forefront of digital printing technologies for decades. Over the years, Aleph has focused on technological advancements, sustainability, and efficiency, enabling textile manufacturers to embrace digital transformation. Mr. Alessandro Manes highlighted Aleph's evolution and technological breakthroughs, emphasizing the company's mission to develop water-efficient and energy-saving printing solutions.

"Innovation in green applications is our top priority. Our R&D is working extensively on pigment-based printing that reduces water consumption and minimizes energy usage," he stated.

A significant milestone in Aleph's journey was its acquisition by Durst, a strategic move that has accelerated its research, development, and manufacturing capabilities. Manes explained, "Durst shares our philosophy as a family-driven company committed to innovation. With this partnership, Aleph now has access to Durst's advanced R&D, which will drive the next wave of sustainable digital printing solutions."

### Expanding Global Footprint: India as a Key Market

Aleph has a strong presence in Italy, Turkey, the USA, Central America, Brazil, and South Korea, among other textile-producing regions. However, India stands out as a key growth market due to its rapidly expanding textile industry and increasing adoption of sustainable technologies. "India is a massive opportunity for Aleph," remarked Kevin Myers.



“We are seeing a strong shift towards digitalization and eco-friendly solutions. The demand for waterless printing and pigment-based technologies is growing, and Aleph is well-positioned to support this transition.” With increasing global emphasis on sustainability, brands and textile manufacturers in India are looking for greener solutions that reduce resource consumption. Myers added, “Sustainability is no longer a choice but a necessity. Apparel manufacturers, particularly in India, are recognizing the need for water-efficient printing solutions to meet global sustainability standards.”

**Aleph’s expansion strategy includes:**

- Introducing our advanced digital printing solutions with a 16 head Kyocera head Reactive printing machine giving almost the speed of 32 heads saving on replacement head costs and faster ROI
- Collaborating with Indian manufacturers to enhance sustainability efforts.
- Setting up local service centers and spare parts warehouses to ensure seamless support and maintenance.

**Sustainability: Future of Textile Printing**

Sustainability is a core pillar of Aleph Srl – (A Durst Company) with innovation as a key strategy. Traditional textile printing is one of the most water-intensive and polluting industries worldwide, but Aleph aims to change this with its waterless pigment-based digital printing solutions. “We are investing in sustainable technologies, particularly in pigment printing, which eliminates the need for washing and steaming,” explained Vinod Krishnamurthy.

“This dramatically reduces water consumption and energy use, making it a game-changer for textile printing.”

**Aleph’s latest innovations focus on:**

- Pigment inks with Binder Printing with Inline Jettable Pre-Treatment and Fixation Solutions: Enhancing the efficiency of digital printing while reducing the use of harsh chemicals. This allows for direct application of pigment inks, eliminating offline pretreatment and post-processing water consumption.
- Sublimation Transfer Printing: Offering high-quality printing on polyester fabrics with minimal environmental impact.
- Non-Woven Textile Printing for Medical and Food Applications: Expanding beyond apparel and home textiles into high-tech applications.

Krishnamurthy elaborated on the economic viability of sustainable printing, stating, “For sustainable technology to be truly adopted, it must be cost-effective. Aleph’s solutions not only reduce environmental impact but also ensure higher efficiency and lower operational costs for textile manufacturers.”

**Building Strong Partnerships in India**

To establish a robust presence in India, Aleph has partnered with Fortuna Colors and Prints, led by Vinod Krishnamurthy, to expand its distribution and service network. Krishnamurthy emphasized, “Aleph needed a strategic partner in India, and we have worked closely to restructure and reposition the brand to better serve the local textile market.”

Aleph has already begun installing high-end digital printing machines in India, with Orient Fashion being one of its first customers is running reactive and getting a pigment printer by end of the month. The successful installation of Aleph’s machines at...

...Orient Fashion marks a significant milestone in Aleph's India expansion strategy. Kevin Myers shared his experience working with Orient Fashion: "They are a well-integrated company that understands digital printing. We have seen excellent results with our first installation and are excited about the upcoming machine featuring sustainable pigment technology."

**To further strengthen its foothold, Aleph is focusing on:**

- Setting up localized service teams to provide faster technical support
- Establishing a spare parts warehouse to ensure uninterrupted operations for Indian customers
- Developing training programs for Indian textile manufacturers to maximize efficiency with Aleph's machines

**Future Outlook: Aleph's Vision for India's Textile Industry**

With India expected to become one of the world's top three economies by 2030, the textile industry will play a crucial role in this growth. Aleph now becoming a Durst company has a leadership team is confident that its sustainable digital printing solutions will align with India's ambitious development goals.

"India is poised for tremendous growth in textiles, and Aleph wants to be a part of this journey," said Manes. "We are bringing next-generation digital printing technology that not only enhances efficiency and quality but also supports India's sustainability goals."

**Looking ahead, Aleph is committed to:**

- Scaling up operations in India with new product launches tailored for the local market
- Investing in R&D to further improve energy-efficient and waterless printing solutions
- Strengthening its partnerships with Indian textile manufacturers and brands

Vinod Krishnamurthy summed it up best: "Aleph is not just selling machines; we are enabling a sustainable future for textile printing, also addressing challenges of clients who have a digital printing setup. We will cover software, design, color management, inks and application on machine to bring value more than just giving a printer. Our focus is on delivering long-term value through cutting-edge technology, service excellence, and environmentally responsible printing solutions."

**A Commitment to a Greener, More Efficient Textile Industry**

Aleph's expansion in India is not just about business growth—it is about driving a shift towards sustainable, next-generation textile printing. With its advanced waterless pigment technology, strategic collaborations, and customer-centric approach, Aleph is poised to make a lasting impact on the Indian textile industry.

By integrating innovation, sustainability, and localized support, Aleph is well on its way to becoming a key player in India's digital textile revolution, empowering manufacturers to adopt eco-friendly solutions while maintaining cost-effectiveness and high-quality production standards.

As the textile industry in India gears up for a more sustainable future, **Aleph's cutting-edge solutions offer the perfect blend of technology, efficiency, and environmental responsibility, paving the way for a greener and more prosperous textile sector.**





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Prime Minister

“The poor, youth, farmers and women are the four pillars of making India a developed country; the textile sector is connected to each one of them.”

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**MAIN EVENT**

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**Raj Manek**, Executive Director and Board Member, Messe Frankfurt Asia Holdings Ltd and **Matthias W. Gluth**, Managing Director, Austrian Fibers Institute

## MESSE FRANKFURT TRADE FAIRS INDIA AND AUSTRIAN FIBERS INSTITUTE ANNOUNCE COLLABORATION

Set to Host **Dornbirn Global Fiber Congress** at Techtextil India Symposium 2025

As the global demand for technical textiles surges, India is emerging as a key hub for innovation and growth. Recognizing the vast potential of this evolving market, Messe Frankfurt Trade Fairs India is proud to announce a groundbreaking collaboration for ‘Techtextil India - the country’s premier platform for the technical textiles industry with Austrian Fibers Institute. This strategic alliance between the two-leading platforms in technical textiles will bring the Asia edition of the renowned Dornbirn GFC at a part of Techtextil India Symposium in 2025. A powerhouse event that promises to set new benchmarks for the global technical textiles industry.

The 10th edition of Techtextil India 2025 which is scheduled from 19 – 21 November 2025, at the Bombay Exhibition Centre, Mumbai, will open its doors for the Dornbirn Global Fiber Conference Asia on 18th November 2025 to be held under Techtextil India Symposium. This partnership will offer an unparalleled opportunity for the entire value chain of the technical textiles industry to explore global advancements in fibre technology, sustainable materials and cutting-edge applications, aligning with the growing focus on innovations in the domain.

The Dornbirn GFC Asia in India 2025 will spotlight on theme titled as ‘Shaping the future: Sustainable Growth in Fiber Solutions and Innovations’.

The GFC Asia – India Conference will host a diverse line-up of speakers from India and around the world, showcasing cutting-edge innovations and expertise in the fiber and textile industry. The discussions will spotlight ground-breaking advances in spinning technology. Driven by intensive research and development, the upcoming edition of the Techtextil India will present the innovative strides made by the industry players. From various stages of production of man-made fibre, non-woven and others, to the evolving applications and maintenance methods, the expo will be a source of upgrading knowledge and expanding the network.

**Mr Raj Manek, Executive Director and Board Member, Messe Frankfurt Asia Holdings Ltd**, said: “The technical textiles industry is at a transformative juncture in India. At this point of time, the partnership of Messe Frankfurt Trade Fairs India with Austrian Fibers Institute to organise Dornbirn GFC along with Techtextil India 2025 will amplify the benefits of networking and knowledge sharing for the industry professionals.”

**Mr. Matthias W. Gluth, Managing Director, Austrian Fibers Institute**, shared: “Alongside the already established Dornbirn GFC Asia – Korea, this new collaboration with Techtextil India reflects our commitment to actively contribute to and engage with the growing Indian market, fostering innovation and global partnerships in the fibre and textile industry.

Indian government is aiming for the technical textile market to reach USD 40 billion by 2030 and total exports targeted are USD 10 billion by 2030. The Indian government and the industry players are confident that India will soon become the world leader in manufacturing of technical textiles. Schemes like National Technical textiles Mission (NTTM) and Technology Upgradation Fund Scheme (TUFS) are offering the benefits to industry stakeholders. Amidst this backdrop, the collaboration of Dornbirn GFC and Techtextil India 2025 marks a pivotal step in positioning India as a global hub for technical textiles.



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