



MANOJ ENGINEERING

DYEING SIMPLIFIED

HT/HP VERTICAL YARN DYEING MACHINE

HTHP YARN DYEING MACHINE FOR YARN, TOPS, HANKS AND FIBER IN BOTH NATURAL AND SYNTHETIC MATERIALS

Features

- Various sizes and capacities (1Kg to 2000Kg)
- Advanced temperature and pressure control systems
- Available in Fully Automated and Semi Automated
- Programmable features for custom dyeing cycles
- Lower liquor consumption
- High dyeing quality and consistency
- Versatile for dyeing various yarn types
- Energy-efficient
- Equipped with Safety features
- Rapid Dyeing times for faster production
- Reduced chemical usage for cost and environmental benefits
- Flexible loading options for different production needs
- User-friendly interfaces for easy operations and accessibility



Manoj Engineering is a leading Manufacturer of HT/HP Package Dyeing Machines up to 2000 KG certified with ISO 9001:2015. with over 30 years of experience and with a commitment to quality, sustainability and customer satisfaction. We are also engaged in manufacturing and supplying of Hydro Extractor, Hot Air Dryer, Beaker Dyeing, Pneumatic Press Trolley Auto Claves Heating Machines, Winding Machines and SS Springs and Tubes.



H.No: 480, Temghar, opp Swayam Siddhi, D.ed College, near gupta motors, Kalyan-Bhiwandi road, Bhiwandi - 421 302. Dist: Thane.
Contact Us: +91 9619477129 | 9320477129 | 9579918195
Email us: manojengineering@yahoo.com

If it is DyeSpring, it must be Sb dye springs



The First dye springs manufacturing company in taking the textile industrial world by storm in India. SB Dye Springs India Pvt. Ltd. is exporting its products to Middle East, Bangladesh, Indonesia, Pakistan, Srilanka, Egypt, Malaysia, Thailand, Colombia, Argentina, Peru, Germany, Holland, Brazil, Sweden, El Salvador, Ethiopia, Honduras, Mexico etc. Yet another proof for expanding horizons, where focus is on quality.

Features

- Precision Limit. • High resistant stainless steel.
- Custom made to customer specifications.
- Excellent resistance to compression.
- Quality assurance at all levels of productions.

Product Range

- Gravity locking caps for yarn dyeing machine.
- Perforated S. S. Dye tube.
- Mandril (Import substitute) for texturing / yarn.
- Rubber tension springs for Dobby machine.

Advantages

- Cost effective. • Savings in treatment.
- High Surface Dye penetration.
- Uniform Spread.
- Highly effective with high frequency dryers.



SB DYE SPRINGS (INDIA) PVT. LTD.

8, Monica, Hari Niwas Circle, L.B.S. Marg, Naupada, Thane 400 602. Maharashtra, India.
Tel. : 91-22-25431275, 25408886, 98923 61619, 98679 11756
E-mail : sbdyespring@gmail.com / sandy111112014@gmail.com
Website: www.sbdyesprings.com

AUTOTEX

THINK
PERFORMANCE
RELIABILITY
SAFETY

AUTOTEX - BLS

The World's First Bobbin Holder with
Bobbin **L**ocking **S**ystem.

BLS ensures **PRS**
Performance | Reliability | Safety

Tested and Trusted,
Globally...

Warning to Copycats

AUTOTEX products are Patented.
Infringers stay away



100 MILLION
BOBBIN
HOLDERS

HISTORY HAS BEEN MADE
THANKS
FOR YOUR TRUST

www.autotex.net

VETRI TOP ROLLERS

“AVAILABLE AT SHORT NOTICE”



IN THIS PRESENT TEXTILE INDUSTRY RECESSION, WE BELIEVE SPINNERS CAN NOT AFFORD TO STOCK TOP ROLLERS FOR PREVENTIVE MAINTENANCE.

IN SUCH SITUATION, **VETRI** WITH ITS EXTENDED STATE OF ART “**IN HOUSE**” MANUFACTURING FACILITIES, **STANDARD & REGULAR TOP ROLLERS WITH END BUSHES** CAN BE MADE AVAILABLE WITHIN 24 HRS TO 72 HRS* FROM **VETRI STOCK**.

* CONDITIONS WILL APPLY



VETRI TOP ROLLERS HOUSE



SIMA TEXFAIR 2026
COIMBATORE
MARCH 6TH -9TH 2026
STAND B83

WITH 30 YEARS OF
TOP ROLLERS MANUFACTURING EXPERTISE
VETRI ENGINEERS FROM COIMBATORE
STANDS AS RELIABLE MANUFACTURER / SUPPLIER OF
TOP ROLLERS FOR PRODUCING BEST “**SLIVER QUALITY**”
FROM THESE TEXTILE PREPARATORY MACHINES.

TRUST **VETRI TOP ROLLERS**, THEY WILL ENSURE MILLS QUALITY YARN PERFORMANCE, HIGHER PRODUCTIVITY AND PROFITABILITY

THUS WE ADD “**VALUE**” IN THE TEXTILE INDUSTRY.

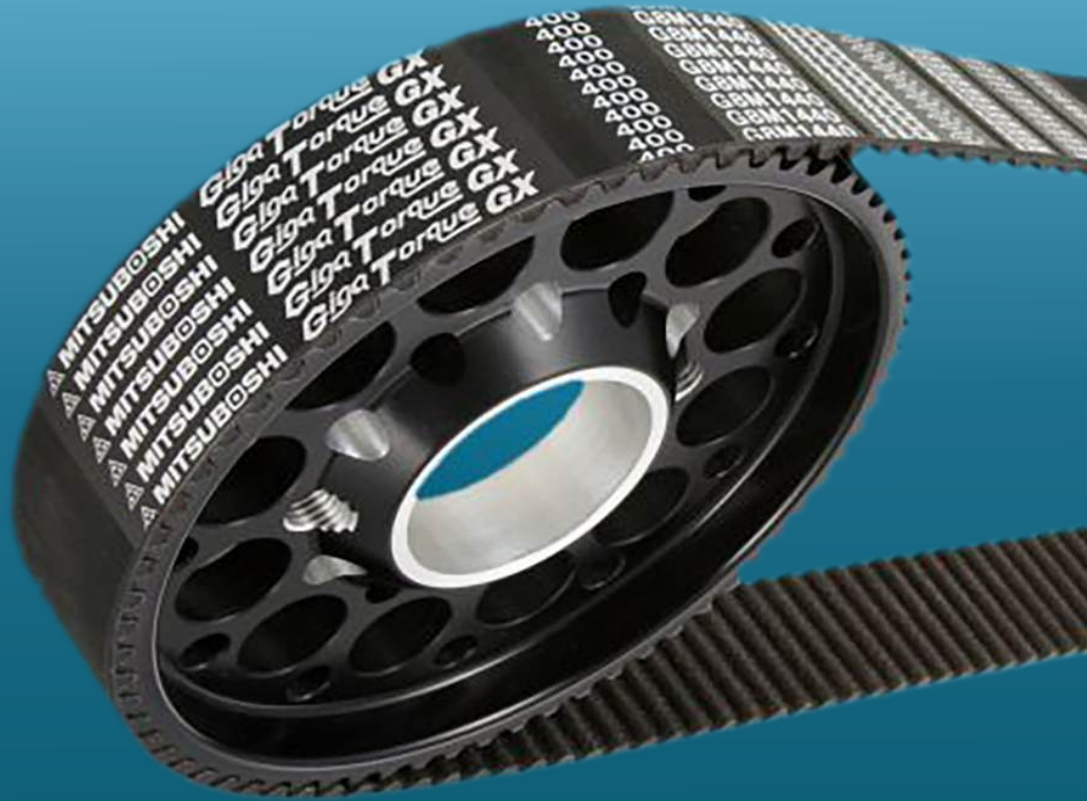


VETRI ENGINEERS

TECHNOLOGY - QUALITY - VALUE - RELATIONSHIP



BUREAU
VERITAS
ISO 9001 Certified



OEM
Spare
Parts



MITSUBOSHITM

Giga Torque GXTM



MANGAL SINGH BROTHERS PRIVATE LIMITED

Plot No. A33, TTC Indl. Area, MIDC, Thane-Belapur Road, Khairane, Navi Mumbai 400 710

Mobile : 9322804895 | Website: www.mangalsingh.com | E-mail: sales@mangalsingh.com



SRINIVASA GROUP OF COMPANIES

Precision in Every Pin. Power in Every Roll.



SRINIVASA

Tex Spares

CHUTE OPENING ROLLER

Purpose and Function

The opening roller in a carding chute is responsible for:

Opening and cleaning tufts of fiber delivered from the blow room.

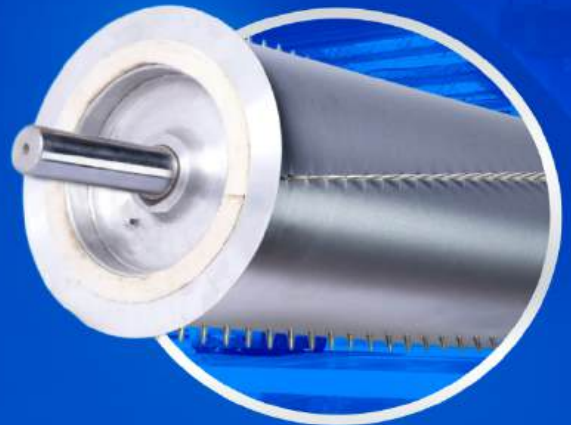
Regulating feed to the carding machine.

Ensuring uniform fiber distribution across the card web.

Preventing clumps (flocks) from passing to the card, which can cause unevenness or sliver faults.

Advantages

- Improved fiber opening and cleanliness.
- Better uniformity of web/sliver.
- Reduced neps and fiber entanglement.
- Stable card feeding pressure.



CARDING LICKERIN PINNED ROLLER

Function of the Licker-in Roller

The licker-in (also called the taker-in) receives the fiber batt from the chute feed system or feed plate and:

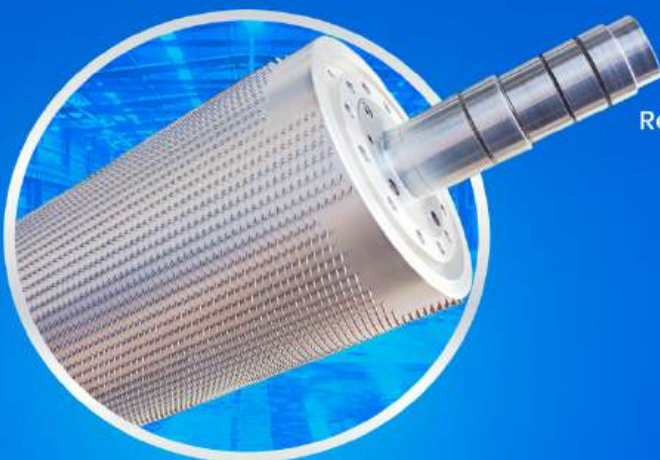
Opens the fiber tufts into smaller flocks or individual fibers.

Removes impurities such as dust, trash, or short fibers.

Transfers the opened fibers to the main cylinder for further carding action.

Key Functions

- Primary fiber opening after blow room.
- Removal of impurities before fine carding.
- Ensures uniform feed to the cylinder.
- Reduces fiber entanglement and neps.



+91 85083 01011



srinivasatex.com



sales@srinivasatexspares.com



1/407, Kothari Nagar (via), Thoppampatti Pirivu, K Vadamadurai (po), Coimbatore - 641017.

OHTC | Spindle Tapes | Flocked Clearer Roller |
Auto - Cone Packing
BTS | CTS



WORLD
SPINS
WITH SIMTA



Inspire &
Innovate

SIMTA BOBBIN & CONE TRANSPORT SYSTEM



SCAN ME



SIMTA GROUP OF COMPANIES

S.F No. 683 A, Railway Feeder Road,
Ravathur Post, Sulur Via
Coimbatore 641 103, INDIA
www.sales@simta.com | info@simta.com
Website : www.simta.com



Since
1985

TECH MECH

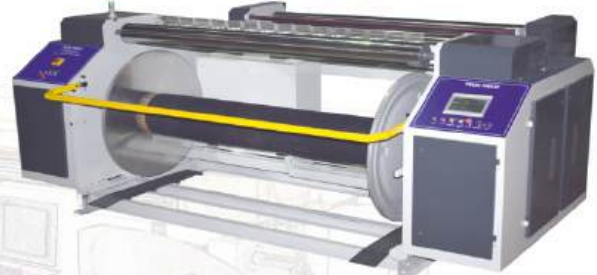
*In the pursuit of Technical Excellence
& Performance*

We supply more than 1600 machines in all over India & Abroad

A ADVANCED COMPUTERIZED SECTIONAL WARPING MACHINE
SERVOTECH - 130



D DIRECT BEAMING MACHINE
T - 1250



VISIT US

15th Edition
homeTEXTECH & YARN
INDIA

27 28 29
NOVEMBER 2025

HALL NO. H1
STALL NO. B5

R REVOLVING CREEL
TC - 5



C CENTRALLY AUTO TENSION CONTROLLED CREEL
TC - 8



TECH MECH ENGINEERS

Plot No. 304, GIDC, Odhav, Ahmedabad - 382 415 (INDIA)
Phone : +91 - 79 - 2287 0302, 2287 2807, Mobile : 093761 44954,
Fax : +91 - 79 - 2289 1407

E-mail : techmechwarper@gmail.com,
info@techmechwarper.com,
URL : www.techmechwarper.com

She winds well for her. We wind well for you !

Better winding and longer lasting



Verstile Features of **WINDWELL** & **NIF** Traverse Drums

- Super finish, light weight, lower inertia
- Uniform package density, even in soft dye packages
 - Ceramic inserts at apexes and crossing points for more durability
- Suitable for all types of Manual as well as Auto-Coner High Speed Winding Machines

Material	Type of Yarn
Bakelite	Cotton, Hairy Yarn
Hard Anodised Aluminium	Acrylic Fibre, Man-Made Fibre Blends
Steel	Wool, Jute, Natural Man-Made Fibre Blends



NIF Mechanical Works Pvt. Ltd.

(Formerly also known as *J. S. Metal Traverse Co.*)



Address : Block 338/1, GIDC Kabilpore, Ganesh Sisodra, Navsari - 396463, INDIA

Phone : +91 2637 258668 / 250667

Email : nif@windwell.com, nifgroup@windwell.com

URL : www.windwell.com

Seize the Ultimate Opportunity at the
Largest Textile Machinery & Technology Exhibition
in India & South East Asia



Machines To Masterpieces



NEXT INDIA ITME 2026

12th India International Textile Machinery Exhibition

4th-9th December 2026 | India Expo Center & Mart, Noida

Be part of this transformative journey
where Innovation Meets Excellence

Scan QR Code to
visit Website



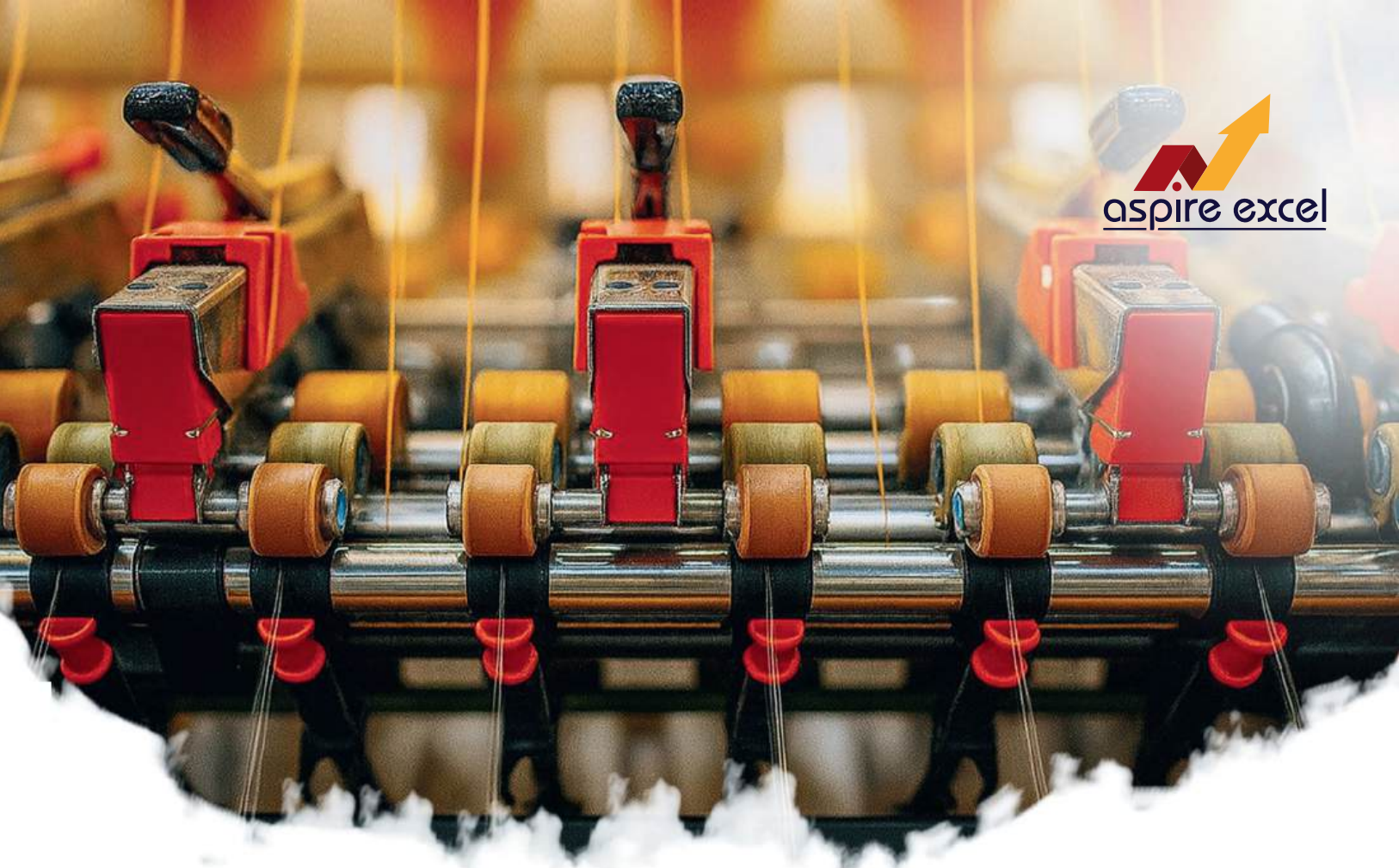
+91 8010823774



<https://corporate.india-itme.com/itme2026/>



projects@india-itme.com ; itme@india-itme.com



EXCELSPIN IMPACT SYSTEM

-  Increase in CSP
-  Reduction in IPI
-  Reduced Hairiness
-  Increase in Productivity
-  Reliability
-  Value for money
-  Best in class after sales support

OTHER PRODUCTS



AUTO CONE
PACKING SYSTEM



BOBBIN
TRANSPORT SYSTEM



AUTO DOFFER
RETROFIT



ASPIRE GRAND EXCEL AUTOMATION

111/109A, Civil Aerodrome Road, SIHS Colony, Coimbatore 641 014, Tamil Nadu, India.

+91 97509 55133 | +91 97509 55131 ✉ aspiregrandexcel@gmail.com 🌐 www.aspireexcel.com

SHREE-TEX CORPORATION

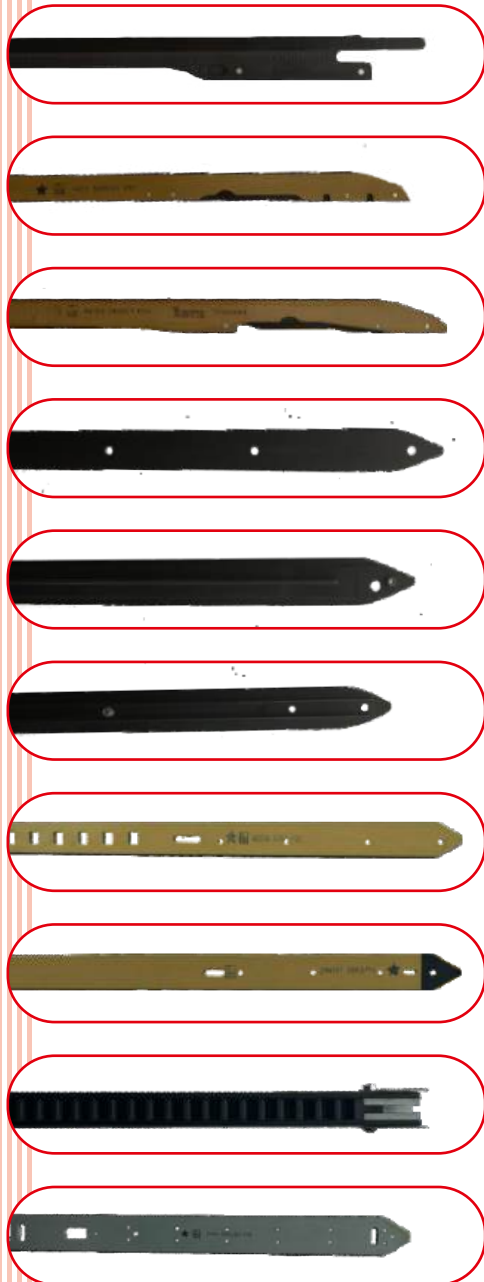
A-205, AHCL Homes, New Link Road, Borivali (W), Mumbai-92
Mob.: 9820046748, 9867341490
Email: shreetex1999@gmail.com / shreetexcorporation@gmail.com

Coimbatore office: Mob.: 9842219511
Email: meetjagan51@gmail.com



www.shreetex.in

Weaving Products & Accessories



- 25 years of excellence
- Widest range of rapier, airjet, and dobby products
- Best-in-class customer service
- Competitive rate offerings
- Quickest delivery times
- Guaranteed customer satisfaction

CARRIERS, DYESPRINGS & ACCESSORIES FOR TEXTILE DYEING MACHINE IN STAINLESS STEEL



EXCELLENCE THAT STANDS ABOVE....



India's Largest Selling SS 316
Quality HTHP Dyeing Carriers,
Dyesprings & Accessories
Manufacturing Company



Carriers Suitable for **Fiber** and **Yarn**
for all Make **HTHP Dyeing Machines**
Imported & **Indian Make**



Exporting to more than **60 Countries**.
More than **25 Years** of Quality
Manufacturing Experience



Varieties of Products with all Types
of **Latest Gravity Locks** with Special
Leakage Arrestor Design Suitable
for all Yarn Dyeing Machine



More than 15 OEMs and **1000**
Satisfied Customers



All Products Compared to any
International Standards

www.sheebaeng.com



SHEEBATM
ENTERPRISE

An ISO 9001:2015 Co.

SHEEBA ENTERPRISE

OFFICE AND UNIT 01 - Plot No. : 1515, Phase III, GIDC,
Vatva, Ahmedabad - 382445. Gujarat, India.

+91 79 25833744 | +91 98252 75825 | sales@sheebaeng.com
+91 79 49180836 | +91 90990 38848 | sheebaenterahd@gmail.com

UNIT 02 - 37, Pushkar Industrial Estate Phase-1,
GIDC, Vatva, Ahmedabad - 382445. Gujarat, India.

PROCESS CONTROL INSTRUMENTS FOR SPINNERS

DRAW FRAME TOP ROLLER LOAD GAUGE - SUNRISE NILOMETER

(For individual & independent end load measurement of top rollers)

(With 2 Dials
&
Planometer)



(For draw frame,
comber, sliver
lap, ribbon lap.)

It helps decrease Sliver CV%, Strength CV% and count CV% besides improving appearance. It is a must for better Uster Values.



SUN TARP GAUGE (TOP ARM LOAD GAUGE)

Replaceable adaptor
for various Top Arms

Replaceable varying sized rollers for specific
roller cover size running in the mill



YARN SPLICE TESTER (PORTABLE)

ANALOG MODEL
RANGE
500, 1000, 1500 &
& 2000 GMS.

DIGITAL MODEL
RANGE UP TO
2000 GMS.
LEAST COUNT 1 GM.



DIGITAL YARN TENSION METER

RANGE
UP TO
200 GMS,
500 GMS &
1000 GMS

DIGITAL MOISTURE METER



RANGE UP TO 50%
(For Cone, Loose Cotton, Bale)

PACKAGE HARDNESS TESTER



(For Cone, Warp Beams, Bobbin)

DIGITAL STROBOSCOPE



LED
FLASH
TYPE

(For Spindle RPM Measurement)



SUNRISE INDUSTRIES

12-A Chinai Estate, Dudheswar Road, Ahmedabad - 380 004. (INDIA), M: 98252 26318

E-mail : sunriseindustriesahmedabad@gmail.com / 9825226318j@gmail.com,

Website : <http://www.sunriseindustries.co.in> / www.sunriseindustries.net / www.homogenisers.in

EFFIMILL

Monitoring System for Spinning Mills The solution for your spinning mill management, by reducing costs, quality and optimization of labour.

HARDWARE OPTIFIL OPTICAL YARN DETECTOR

Another big LED with two colors for every 24 spindles alarms the personnel about any irregularity from long distance.
RED LED : Alarms the Operator

By detecting the movement of the traveller it controls continuously the status and RPM of each Spindle

One LED in front of each Spindle shows the STATUS of the yarn by the use of different COLOURS.



LED display can be installed on each ring frame. It shows the Ring frame production data in real time

From the New Touch Screen control unit it is easy to manage setting, options, troubleshooting.



GAYATRI

Delivering Qualitative Excellence

Our products are specifically engineered and designed for meeting the needs of spinning industry, with our expertise and continued in quality, we are providing leading solutions allowing you to increase efficiency and gain competitive advantage.

Other Range of Products

- ◆ Eccentricity & taper tester machine
- ◆ Ultra violet treatment machine
- ◆ Top roller greasing machine (Vertical)
- ◆ Top roller greasing machine (Automatic)
- ◆ Top roller de - greasing machine
- ◆ Clearer roller cleaning machine
- ◆ Fluted roller truing machine
- ◆ Cot mounting machine (Hand/Pneumatic)



Cot Grinding Machine
Model GCGHY-200-25-AF



Cot Grinding Machine
Model-GCGHY-200-AF



Spindle Lubricating
Machine



Hydraulic Cots Mounting &
De-Mounting Machine



Auto Feeder with Flocked Clearer
Roller Cleaning Machine



Flocked Clearer Roller
Cleaning Machine



GAYATRI

GAYATRI TEXTILE MACHINES

17, Harshad Ind. Estate, Margha Farm Compound, B/h. L.B.S. Stadium, Bapunagar,
Ahmedabad - 380024. Gujarat (India). • Mo.: +91 98 9808 1503 • Email: gayatrirrp@gmail.com,
gayaytirrp@rediffmail.com • Website: www.gayatritextilemachines.com, www.gayatritextilemachines.in

“Major in INDIA, Trusted worldwide-
Lattice Apron for Every OEM”



“As the major Indian producer of lattice apron, manufacturing **12 million** annually,
We specialize in OEM-compatible and customer-specific sizes. Our apron offer
measurable yarn quality improvements for high-speed compact spinning.”

Features:

- Uniform Suction Flow
- Excellent Fiber Alignment
- Reduce Yarn Hairiness
- Low Surface Friction
- Consistent Compactness
- Energy-Efficient Design



SRM TECHNOLOGIES

📍 1/54G-3, Valaiyapalayam Pirivu,
Karumathampatti - Annur Main Road,
Coimbatore - 641659, TN, India

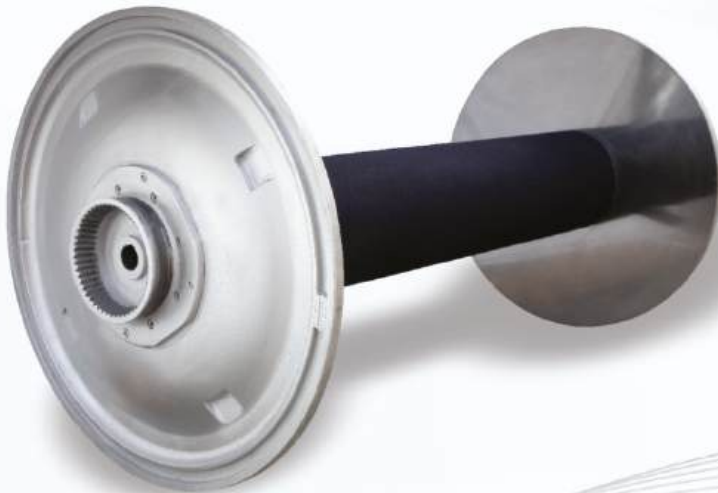
☎ +91 99431 52721, 98432 52721

✉ petchi.sales@srm-technologies.in

🌐 www.srm-technologies.co.in

Warper Beams

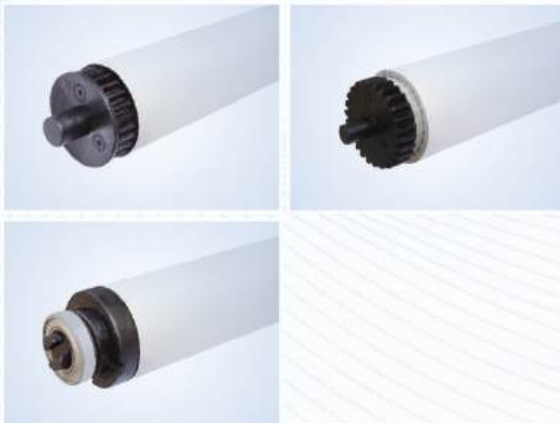
We offer dynamically balanced warper beams of flange diameter up to 1600 mm and warping width upto 2800 mm suitable for Karl Mayer, Benninger, Hacoba, Ukil, Ramallumin, Tsudakoma, Prashant West Point, Jupiter, Prism, Amritlakshmi and other high speed warping machines suitable for spun and filament yarn.



Chucks and Hubs

Weaver Beams

Weaver Beams for Picanol, Toyota, Tsudakoma, Dornier, ITEMA, SMIT, Sulzer and other types of Airjet, Rapier and projectile weaving machines in single section and double section construction with or without differential motions upto 1250mm flange diameter and 540cms working width.



Cloth Rolls

We also manufacture

Warper and Weaver Beams suitable for Synthetic Industry and for Technical Textiles.

Manufactured by :

BHARAT BEAMS

PRIVATE LIMITED

Manufacturers of Weaver's Beams
Dynamically balanced Warper Beams

Plot No. 10/3, Phase I, G.I.D.C., Vatva Industrial Estate, Ahmedabad - 382 445. INDIA.

Ph. : +91 79 29706768 / 40321148.

E-mail. : snehal@bharatbeams.com, jcpanchal@bharatbeams.com

Textile Trends

68TH YEARS OF PUBLICATION

INDIA'S WIDEST CIRCULATED MONTHLY ON TEXTILE & ALLIED INDUSTRIES

Single Copy : Rs. 60.00

Annual Subscription (Post Free) : Rs. 650.00

Overseas (Air Mail Post Free) : ST £ 75.00 / US \$ 145.00

Bangladesh (Post Free) : US \$ 60.00

Vol. LXVIII

No. 08

NOVEMBER 2025

Copyright Reserved

Advisors

Prof. Suranjan Das

*Ex Vice-Chancellor
University of Calcutta*

Shri R. C. H. Reddy

*Ex President
Lakshmi Electrical Control Systems Ltd.*

Shri A. N. Chaudhuri

*Sr. President - Marketing
Kristeel – Shinwa Industries Limited, Mumbai*

Publisher : Shri D. J. Dutta

Editor : Tapan Kumar Banerjee

Members of the Editorial Board

Shri G. T Dembla

*Chairman
Precitex Rubber Industries Pvt. Ltd., Mumbai*

Shri N . Subramaniam

*Chairman
Sagotharen*

Shri Anil R. Mehra

*B.Sc. (Hons), B. Sc. (Tech), (Textiles, UDCT, Mumbai)
M. Sc. (Tech), (Textiles Chemistry, UDCT, Mumbai)
M. B. A. (USA) (U. of Illinois, Champaign-Urbana, ILL, USA)
Graduate Fellow 1978 – ROTARY INTERNATIONAL
MIMA (Member, Indian Management Association)
Senior Member, AATCC, USA
C. Col-FSDC (UK), Chartered Colourist*

The Editor takes no responsibility for views expressed by contributors and correspondents. Articles and writings accepted are the copyright of the Journal's publishers.

Shri John C Nathan

*Manager - Marketing
Ph. : +91 98940 14500*

Bangladesh:

Subrata Aditya, CEO

Tradeway International

Eastern View, 10th Floor, Room No # 14/15,
50 D.I.T Extension Road ,
Dhaka -1000, Bangladesh.

Phone : +88 02 222220578

Mobile : +88 01711-287636

E-mail- tradewaybds@gmail.com

Published Monthly by

Eastland Publications Private Limited

44, Chittaranjan Avenue, Kolkata - 700 012, India

Phone : 91-33-2212-2233, 91-33-2212-1096, Fax : 91-33-2212-1096

E-mail : texttrend58@gmail.com/textiletrendsindia@gmail.com | Website : www.textile-trends.in



GLI-CLEAN

A **OHTC** for
Spinning & Weaving



BUSBAR AND CHAIN DRIVE SYSTEM:

- Pioneer to install OHTC for Ring Frames with Auto-piecer by using a tilting mechanism.
- Travelling speed possible upto 22 mtrs/min.
- Conveniently suits upto 2400 Spindles/Ringframe and 280 Spindles/Speedframe.
- Achieve power saving through VFD for both traverse and blowing (optional).
- Improved blowing and suction.
- In house design and manufacturing of complete OHTC.

BELT DRIVE:

- Travelling speed possible upto 12 mtrs/min
- Patented design of self discharging (waste) unit
- Proven upto 1824 Spindles/Ringframe.
- In house design and manufacturing of complete OHTC.

LAKSHMI PRECISION TECHNOLOGIES LIMITED

(Formerly known as Lakshmi Precision Tools Limited)

Arasur- 641407. Coimbatore District, INDIA. Phone: +91 422 617 3500

Email: mktg_textile@lptindia.com | Website: www.lptindia.com





Editorial	----	23
World Economy and Trade Trends	----	24
Indian Economy and Trade Trends	----	27
Pants are no longer at the bottom of the style pyramid	----	29
Apparel industry appealed for 5% slab on all garment categories	----	30
High yield, prices sure to help jute growers earn more	----	31
Textile firms asked the govt. not to levy anti-dumping duty on key input	----	31
Retailers face challenges of High Fashion	----	32
Apparel maker Cantabil targets ₹1,000 crore revenue	----	32
No price rise on premium apparel despite higher GST	----	33

2025-26 cotton carry-forward stocks estimated at 5-year high	----	33
Value apparel retailers expect 20% growth in festive sales	----	34
Cotton output likely to be at 312-335 lakh bales this season	----	34
Redefining the approach to traditional Bagru Printing through contemporary materials and techniques — Saikhom Debina Chanu, Dr. Sandeep Bains and Dr. Sumeet Grewal	----	35
India's per capita income to surpass \$5,000 by 2031, boosting consumption	----	39
Optimization of Enzyme Pretreatment for Natural Dyeing with Litchi Leaves — Sangeeta Deo and Smriti Rekha Sarkar	----	40
Influence of Instagram on clothing interest and shopping behaviour — Prof. Radha Kashyap	----	43
Export Prospects and Markets	----	47
ITAMMA highlighted on 'Packaging Aspects' during its 82nd AGM	----	52
Death toll rises nine & eight injured in fire at garment factory in Dhaka	----	58
Corporate News	----	60
Textile Events	----	70
ITMA ASIA+CITME 2025 Review	----	84
Index	----	103

THE R&D HOUSE OF SPINNING

DEVELOPED FOLLOWINGS TO IMPROVE YARN QUALITY BY MINIMUM 20% IN IPI & CLASSIMAT

From The Result of 36mm short Cradle & 43mm Medium Cradle

Cradle Size	Yarn Type		Can Be Used for
AGMA 43mm L.R P3-1 Top Arm	Normal Melange, Slub,	Lycra, Eli Twist Compact	100% Cotton, 100% Viscose P/C, P/V & Other Blend Upto 44mm cut length
AGMA 40.6mm L.R P3-1 Top Arm	Normal Melange, Slub,	Lycra, Eli Twist Compact	100% Cotton, 100% Viscose P/C, P/V & Other Blend Upto 40mm cut length
AGMA 40.6mm SKF/TEX PARTS, PK 2025	Normal Melange, Slub,	Lycra, Eli Twist Compact	100% Cotton, 100% Viscose P/C, P/V & Other Blend Upto 40mm cut length
AGMA 40.6mm SUSSEN HP- A	Normal Melange, Slub,	Lycra, Eli Twist Compact	100% Cotton, 100% Viscose P/C, P/V & Other Blend Upto 40mm cut length
AGMA 40.6mm SUSSEN HP- GX	Normal Melange, Slub,	Lycra, Eli Twist Compact	100% Cotton, 100% Viscose P/C, P/V & Other Blend Upto 40mm cut length
AGMA 50mm SKF/TEX PARTS, PK 2025 Medium cradle	Normal Melange, Slub,	Lycra, Eli Twist Compact	100% Cotton, 100% Viscose P/C, P/V & Other Blend Upto 51mm cut length
AGMA 50mm L.R P3-1 Medium cradle	Normal Melange, Slub,	Lycra, Eli Twist Compact	100% Cotton, 100% Viscose P/C, P/V & Other Blend Upto 51mm cut length

AGMA Saddle setting Gauge for Rieter / LMW P3-1 Top Arm with Sussen Compact

Bottom Roll setting Gauge for all Roving & Ring Frames

Single spacers

P3-1 from 2.5mm to 6.00mm

Twin Spacers - P3-1

From 2.50/2.75mm to 4.00/4.25 P3-1

AGMA CRADLE

Improves YARN QUALITY (or) Improves YARN REALISATION % (or) Improves SPG PRODUCTIVITY
(From existing yarn quality) (From existing yarn quality) (From existing yarn quality)

BENEFITS OF USING AGMA CRADLES

- ✦ Improves YARN QUALITY minimum 20% in IPI & Classimat fault against 36mm cradle. (For Cotton, Viscose, PV, PC...& compact, slub yarn, sro....etc)
- ✦ Reduces A1, A2, B1, B2 and H1 faults in classimat.
- ✦ Reduces WARPING BREAKAGES.
- ✦ Increases YARN REALISATION with existing Quality and CSP/RKm.
 - a) By reducing CARDING WASTE % in carded count.
 - b) By reducing COMBER NOIL % in combed count.
- ✦ Can increase CARDING M/C PRODUCTION with existing yarn quality.
- ✦ Can increase RING FRAME PRODUCTION, 5-10% with existing yarn quality.

NOTE :

- ✦ No quality improvement in 100% Polyester can be expected

25, Sivasubramanian Nagar, Nehru Nagar West, Civil Aerodrome Post,
Coimbatore - 641 014. Tamilnadu. India. Off : +91 95666 54983
E-mail : agmaproducts@gmail.com



OM CORPORATION

A Leading Air Jet Spares Supplier Company in INDIA

Manufacturer, Importer & Exporter of all kinds of Weaving Machinery Spare Parts i.e. Air Jet, Water Jet, Rapier etc. & Supplier of all kinds of Textile Second-Hand Machinery.



Since 1985 we, Om Corporation, have been concentrating mainly on producing the export quality textile weaving machines Spare parts. For all needs of modern weaving machines, Om Corporation produces a high quality spare parts by the qualified engineers and technicians. Professionalism is inbuilt at bottom of the sales & manufacturing strategic schedule. We are fully integrated & created a critical asset and committed to upholding spread out of the world wide customers network. We not only present our customers absolute better products but always believe in high time mind it to customers comments. Prompt respond to there current needs for anticipating to future demand. We serve a quality and confidence with fair price. We value your money. That's also creating a great Image for a sound future for our products, which together with best services of all makes Om Corporation. A reputed Company concerns its own wide sector. At last Om Corporation has played an important role for developing a global textile scenario.

AIR JET & WATER JET MACHINE PARTS



CAM & DOBBY PARTS



RAPIER MACHINE PARTS



OM CORPORATION

601-A, ABC-1, Behind Gala Business Centre, Nr. St. Xaviers College Corner, Off C. G. Road, Ahmedabad-380 009, Gujarat, India

Email: info@omcorporation.org / co.in | Web: www.omcorporation.org / co.in

Demand for fine Banarasi dwindling

A Banarasi textile is not very different; just tweak the single year to millennia. As per Mark Twain's assertion, Banaras is a city older than history, and its handloom weavers are not too far behind. Banarasi textile is India's most storied textiles as well as most revered ones. They contain multiple layers of history, heritage, innovation and re-innovation. They tell of ancient trade with China where its mainstay Mulberry Silk came from, they showcase Mughal influences in their brocade motifs and they talk of changing tastes as pastels and subtle zarigave way to bright wedding-ready colours and all over Jangla work at the turn of century.

Today Banarasi weavers admit they cannot retain the quality, today's products do not match with old ones in terms of quality. They said there is no demand for fine Banarasis at commensurate price points. But they do not lose their confidence, the weaver community are ready to take up challenge of recreating work of older standards. On the banks of Ganga craft has thrived for centuries. Before the demand grew for chemically produced colours, natural dyes extracted from sources such as Manjishtha (Indian Madder), indigo, onion peels and henna were used in original shades of Banarasis.

The Banarasi, by and large is much better off than any other waves in India: its status as wedding or special occasions wear, and its success in light, easier-to-drape and translucent fabrics like Kora and Organza have found takers among new sari patrons. But unless people know what the craftsmen are capable of this kind of fine work will die out.

To keep alive status of Banarasi and passing the parcel of the heritage weave of Baranasi's product to the next generation weavers are to be given freedom to share revival designs with customers and to be facilitated to participate in sari exhibition showcasing their products in Indian cities across the tires and if possible they should be got to attend textile exhibition held in abroad.

▶▶▶ **Trump imposes 100% more tariff on China, tightens tech exports**

US President Donald Trump said he would impose an additional 100% tariff on China as well as export controls on “any and all critical software” beginning November 1, hours after threatening to cancel an upcoming meeting with the country’s leader, XI Jinping. “It has just been learned that China has taken an extraordinarily aggressive position on trade in sending an extremely hostile letter to the World, stating that they were going to, effective November 1st, 2025, impose large scale Export Controls on virtually every product they make, and some not even made by them,” Trump said in a social media post. The gambit will revive fears of a global disruption in trade that could see the world’s two largest economies effectively cut off ties and dramatically raises the stakes for Trump and Xi as they navigate high-stake trade negotiations. But Trump acknowledged of late that he could retreat from his massive tariff escalation if the Chinese backed down from threatened restrictions on rare earths, while saying that it was still possible that he could meet Xi later. “That’s why I made it November 1st,” Trump said. “We’ll see what happens.” Trump’s announced tariffs would raise import taxes on many Chinese goods to 130% starting in November. That would be just below the 145% level imposed earlier this year, before both countries ratcheted the levies in a truce to advance trade talks. Markets recoiled after Trump teased at the move in a social media post, with US stock suffering their worst selloff in six months. Ahead of the planned Xi-Trump summit, both the US and China moved to potentially curb flows of technology and materials between the countries. □

▶▶▶ **New tariffs by Trump sends shocking waves to Asian nations**

US President Trump’s latest tariffs sent shock waves throughout Asia, heaping additional turmoil on companies already grappling with uncertainty, while adding further complexity for trade officials ironing out the details of recently struck trade agreements. As the source of about 40 percent of goods imported into the United States. Asia has borne the

brunt of Trump’s campaign to rewrite the rules of global trade. Trade officials across the region have scrambled to strike deals with his administration over the last several months to prevent punishing tariffs from crippling domestic industries. Recently, Trump announced another round of tariffs, which would go into effect on Oct 1, applying import duties ranging from 25 percent to 100 percent on pharmaceuticals, heavy trucks, kitchen cabinets, bathroom vanities and upholstered furniture. A significant portion of furniture and kitchen cabinet manufacturing originates from China and South-east Asia. In a sign of the frenetic nature of US policy, Trump’s own trade representative, who was in Malaysia of late negotiating with officials from Asian countries, signalled that the administration was not planning more tariffs. “What we are focused on now are the negotiations, not putting out round of tariffs,” Jamieson Greer, the US trade representative, told reporters at a meeting of the Association of Southeast Asian Nations in Kuala Lumpur. Twelve hours later, Trump announced the sweeping new tariffs on his social media feed. The new import duties build on the growing list of Trump’s industry-specific tariffs with an outsize impact in Asia, affecting the import of automobiles as well as key materials such as copper, steel and aluminum. Trump announced the new duties despite many unresolved issues related to his so-called reciprocal tariffs, which were announced in April and are still being negotiated with countries in Asia. He reached an agreement in July with the European Union, another major American trading partner. So far, the United States has failed to strike a trade deal with Asia’s two biggest economies: China and India. The White House secured commitments with Japan and South Korea over the summer, but both of those countries are balking on exactly how to execute the key component of the deal — a combined \$900 billion in investments in the United States. Another factor hanging over the negotiations is a legal question about Trump’s use of emergency economic powers as the legal grounding for some of his tariffs. The Supreme Court has agreed to hear arguments in November to review a lower-court ruling that invalidated many of the global tariffs, stating that the emergency law the president

WORLD ECONOMY AND TRADE TRENDS

invoked did not grant him the authority to impose his sprawling tariff campaign. □

▮ 100% tariffs on China may not be continued says Trump

US President Donald Trump said his proposed 100 per cent tariff on goods from China would not be sustainable, but blamed Beijing for the latest impasse in trade talks that began with Chinese authorities tightening control over rare earth exports. Asked whether such a high tariff was sustainable and what that might do to the economy, Trump replied, "it's not sustainable, but that's what the number is." "They forced me to do that," he said in an interview with *For Business Network* that was broadcast recently. Trump unveiled additional levies of 100 per cent on China's US-bound exports recently, along with new export controls on "any and all critical software" by November 1, nine days before existing tariff relief was set to expire. The new trade actions were Trump's reaction to China dramatically expanding its export controls on rare earth elements. China dominates the market for such elements, which are essential to tech manufacturing. Trump also confirmed he would meet with Chinese President Xi Jinping in two weeks in South Korea — a meeting the US president had cast doubt of late and expressed admiration for the Chinese leader. "I think we're going to be fine with China, but we have to have a fair deal. It's got to be fair," Trump said on FBN's "Mornings with Maria," which was taped recently. The softening in tone and affirmation of his intent to meet with Xi helped stem some of Wall Street's early losses recently. Major US stock indexes, which have been rattled over the week by Trump's abrupt reimposition of steep levies on Chinese imports and by credit worries among regional banks, were up modestly in early trading. Meanwhile, in another indication of a potential thaw in the tensions, US Treasury Secretary Scott Bessent and Chinese Vice Premier He Lifeng will hold a call recently to discuss ongoing trade negotiations between the two countries, CNBC reported recently, without disclosing a time for the call. A Treasury spokesperson did not immediately respond to a request for comment. Bessent of late had accused one of He's top aides of being "unhinged" in

recent interactions with US trade negotiators, an assertion Beijing has refuted. Trump said he expected an expansion of the Abraham Accords soon and hopes Saudi Arabia will join the pact that normalised diplomatic relations between Israel and some Arab states. "I hope to see Saudi Arabia go in, and I hope to see others go in. I think when Saudi Arabia goes in, everybody goes in," Trump said in the interview. He said he had "some very good conversations" recently with states that have indicated their willingness to join the accords. "I think that they're going to all go in very soon," Trump said. The UAE and Bahrain signed the accords in 2020 during Trump's first term in the White House, breaking a longstanding taboo to become the first Arab states to recognise Israel in a quarter century. He said then that more countries would join the Abraham Accords initiative and even floated the idea of a peace deal between arch West Asian enemies Iran and Israel. □

▮ Global South-South merchandise trade exceeds global growth

Merchandise trade between the Global South countries is increasing in the last two decades, outpacing global trade growth, according to an UN report. The members, however, face higher tariffs, making them limit themselves to primary goods. The ongoing tariff war is expected to negatively impact the South-South trade in commercial services, noted the report. Data from the 2025 Global Report on South-South Cooperation and Triangular Trade from the United Nations show that between 2000 and 2023, South-South goods trade grew at an average annual rate of about 9.5 to 10 per cent. In that same period, global merchandise trade grew about 5.5 per cent. By 2021, South-South trade accounted for nearly 60 per cent of developing countries' high-tech exports, indicating a move beyond primary commodities toward more sophisticated products. Over recent decades, developing economies (the Global South) have delivered most of global growth, increasingly driving global trade dynamics, consistently outpacing growth in North-South or North-North flows. According to UNCTAD, trade between developing countries in goods stood at \$5.7 trillion in 2023, representing approximately

24 per cent of global merchandise trade. South-South cooperation has evolved from political solidarity into a critical mechanism for development, helping advance goals, including those in the UN's 2030 Agenda. According to the UN reports, "The Global South now hosts more than 65 per cent of total inward FDI, up from 16 per cent in 1990. In terms of outward FDI, it accounts for 32 per cent of the total, rising from just 5 per cent in 1990." According to WTO Secretariat estimates, Asian economies' services exports are projected to increase by 4.4 per cent in 2025 and by 5.1 per cent in 2026, whereas North America will slow to 1.6 per cent in 2025. However, challenges remain. Developing countries face higher duties that limit market access. Agricultural exports from these nations face import duties averaging almost 20 per cent under most-favoured-nation treatment, while textiles and apparel face tariffs averaging close to 6 per cent. The composition of South-South trade remains weighted toward primary and natural resource goods; capital goods' share remains low at about 12 per cent. Ironically, trade between developing countries often faces higher tariffs than North-South trade. For example, trade between Latin America and South Asia faces an average tariff of about 15 per cent. The practice of applying higher tariffs on finished goods than on raw materials discourages developing economies from exporting value-added goods, hindering industrialisation efforts. Trade growth increasingly involves China as a central partner in many developing regions. Trade with China constitutes a large share of South-South trade flows. There is strong linkage between different regions; for example, agricultural output in Latin America, Asia and Africa offers opportunities for both food security and value addition. Appropriate technologies (better matched to needs and resource constraints) are increasingly being transferred among developing countries, offering better cost to sustainability trade-offs. Cross-border connectivity projects like the ASEAN Power Grid and initiatives between Bangladesh, Bhutan, India and Nepal have the potential to help the countries address seasonal energy scarcity and accelerate the adoption of clean power technologies.

⇒ Global economy to be frail in 2026, says WEF survey

The global economy is entering a period of weak growth and systemic disruption, the World Economic Forum said in its latest Chief Economists' Outlook recently. Noting that India has emerged as the fastest growing major economy and is projected to grow by 6.5 per cent in 2025 by the IMF, the report said the country's manufacturing ambitions face headwinds from newly-announced US tariffs of 50 per cent on exports, a development that weighs heavily on the regional outlook for the entire South Asia. According to the survey, 72 per cent of chief economists expect global economy to weaken in 2026 amid intensifying trade disruption, rising policy uncertainty and accelerating technological change. The findings pointed to the emergence of a new economic environment shaped by persistent disruption and growing fragmentation. Emerging markets are anticipated to be the main engines of growth, with the Middle East and North Africa (MENA), South Asia and East Asia and Pacific seen as bright spots. One in three chief economists expected strong or very strong growth in these regions. The outlook for China was more mixed, with 56 per cent of chief economists anticipating moderate growth, though deflationary pressures are expected to persist. Growth is expected to remain more stagnant in advanced economies. In Europe, 40 per cent expect weak growth, while most chief economists (52 per cent) anticipate weak or very weak growth in the US. The chief economists warned that advanced and developing economies are on increasingly divergent growth pathways — 56 per cent expect greater divergence over the next three years. "The contours of a new economic environment are already taking shape, defined by disruption across trade, technology, resources and institutions," said Saadia Zahidi, Managing Director, World Economic Forum. "Leaders must adapt with urgency and collaboration to turn today's turbulence into tomorrow's resilience," she said. The report said the global economy is undergoing one of its most turbulent periods in decades, with a convergence of shocks and structural shifts rewriting the rules of growth, trade and governance. ■

⇒ WTO strongly criticised India, 2 others for 'blocking' investment pact

The Director General of World Trade Organization (WTO) Ngozi Okonjo-Iweala strongly criticised India and two other countries for blocking the investment Facilitation for Development (IFD) Agreement, saying it puts countries which find it difficult to attract investments at a disadvantage. Along with India, she named South Africa and Turkey for blocking the inclusion of the IFD as a plurilateral agreement purely on ideological grounds even though it does not impact them directly. "We are working on it and it will move forward. Ministers need to get involved in discussing this issue, determining the modalities. This will happen at the 14th ministerial," Okonjo-Iweala said in an interaction with the mediapersons in Geneva. The 14th Ministerial Conference of the WTO is scheduled to take place from March 26-29 next year in Yaounde in Cameroon. India's objection arises from the fact that it does not view IFD as strictly a trade agreement relevant to the WTO. It is of the view that it is a non-mandated plurilateral agreement being pushed into the WTO without a broad consensus and that it could undermine the developing countries' policy autonomy by forcing them to accept certain investment standards which they are not equipped to handle. India also argues that it violates the WTO's fundamental rule of consensus-based decision-making for starting new negotiations. The IFD is being pushed as a plurilateral agreement. Under the WTO the plurilateral agreements are only binding on countries only on those members who have signed on them. So far this agreement - proposed by China initially - has been agreed to by 127 countries after it was proposed at the Buenos Aires WTO ministerial conference in December 2017. The purpose of the agreement is to develop predictable, transparent and open investment rules that will contribute to more efficient investment flows to the developing countries and least developed countries through fostering increased business confidence. It does not include issues of market access, investment protection or investor-state dispute settlement. The WTO DG said that the agreement will give comfort to investors to invest in developing and least developed countries who are otherwise considered risky. "They (smaller developing and least developed

countries) do not have the market power and they are not rich. This instrument will help them. The private sector is very excited about it but some of the big countries are blocking it." "You can attract investment but you are blocking it so other poor countries cannot attract. Is that a good thing? Are you a leader by doing that? We have three countries we are working on - South Africa, India and Turkey who do not have their reasons for not allowing it," Okonjo-Iweala said. □

⇒ Overseas investments declined in August as US tariffs kicked in

India's overseas direct investment (ODI) declined by almost 50 per cent in August this year to \$1 billion compared to previous month as well as in the corresponding month last year, according to the finance ministry data. Experts have said that the dip in August could be due to the uncertainty in the global economic scenario after the US tariffs. The actual ODI outflows during April-August FY26 grew by 29 per cent compared to the same period last year to \$10.2 billion, according to the data. "With uncertainties in the global environment and the US tariffs coming into effect, companies are preferring to reduce risk by investing in the country itself," said Madan Sabnavis, chief economist, Bank of India. India is facing a 50 per cent tariff from the US, which has threatened labour intensive sectors such as textile and footwear. In the initial period of FY26, the ODI outflows had increased, especially in April when the amount had tripled compared to previous year to \$2.76 billion, signifying expanding global presence of Indian companies. "The overseas investments may be tapering down now after a significant increase in the beginning of FY26. Indian companies want to become global MNCs and expand abroad. After frontloading this investment, things are flattening now," Madhavi Arora, economist, Emkay Global said. Singapore was the top destination for ODI with \$3.1 billion outflows in the April-August FY26 period, followed by the US at \$1.8 billion and Mauritius at \$1.3 billion. Financial, insurance and business services are the sectors which have attracted the maximum ODI from India with the amount reaching \$4.3 billion in April-August period of FY26. This followed by transport, storage and communication services drawing ODI of \$1.8

billion and manufacturing at \$1.8 billion and manufacturing at \$1.4 billion in the first five months of FY26. Indian firms, experts say, are turning to GIFT City as a strategic gateway for outbound investments while offering regulatory clarity and tax advantages. □

⇒ US emerges as top source of FDI inflows in Q1, exceeding Singapore and Mauritius

Foreign direct investors have typically preferred to route their investments into India through offshore financial centres such as Mauritius and Singapore. But in a break from the past, the US emerged as the largest source of foreign direct investment (FDI) equity inflows into India in the first quarter of FY26. The US contributed a record ₹48,104 crore to India's FDI, registering a 282 per cent jump from the same period last year. Singapore followed with ₹39,284 crore, while Mauritius slipped to third place at ₹17,791 crore. According to the India Brand Equity Foundation, US investments have accelerated this fiscal, led by Microsoft's ₹25,587 crore (\$3 billion) commitment over the next two years to expand cloud and AI infrastructure. Apple is also ramping up its manufacturing base, with a new Tata Electronics facility in Tamil Nadu and Foxconn's \$2.6-billion Bengaluru plant set to produce iPhone 16 models. Gross FDI inflows rose 18 per cent year on year in Q1 to ₹1.59 lakh crore, according to DPIIT data. The surge in US investments is due to changes in regulations and higher scrutiny in Singapore and Mauritius, as well as lower domestic tax rates, stable double tax treaties and a more consistent tax regime in India, say experts. Riaz Thingna, Partner at Grant Thornton Bharat, said the jump in US inflows reflects "the growing confidence of US investors in India's economic and political stability," with opportunities spanning technology, manufacturing and services. He added that the rise of Global Capability Centres illustrates this trend. While Singapore remains a key investor, its inflows rose only 20 per cent, far outpaced by the US. Experts attribute this slowdown to tighter regulatory scrutiny. Historically, Singapore benefited from its role as a financial intermediary, particularly after the India-Mauritius tax treaty amendments in 2016. But recent tax and compliance changes, such as stricter substance requirements and enhanced over-sight under India's FDI and

FEMA frameworks, have reduced its arbitrage advantage. Mauritius saw inflows fall 33 per cent to ₹17,791 crore, partly due to the Principal Purpose Test under the tax treaty, which requires investors to demonstrate a commercial intent for routing funds through the island nations. Newer offshore hubs are gaining ground. The Cayman Islands attracted ₹5,790 crore, up 268 per cent from a year ago, while Cyprus nearly doubled its inflow to ₹9,514 crore. Globally, India's resilience stands out. China, though still the largest FDI recipient, has seen inflows decline since 2024, while Brazil posted steady gains on the back of renewable energy. Experts caution that the US lead may not be guaranteed. Investor appetite will also be shaped by geopolitical developments, particularly on trade tariffs. As Thingna put it, "New tariff posturing could further fuel direct investments in the short run." □

⇒ At 6.3%, August core sector growth pushed 15-month high

Strong performance of coal and steel production pushed the growth of the core sector to a 15-month high at 6.3 per cent, the government reported recently. The final growth rate in July was 3.7 per cent. "The production of steel, coal, cement, fertilizer, electricity and petroleum refinery products recorded positive growth in August, 2025" a government statement said. The core sector comprises eight key sectors: steel, coal, cement, fertilizer, electricity, crude oil, natural gas, and petroleum refinery products. These industries collectively account for over 40 per cent of the Index of Industrial Production (IIP). Strong performance of the core sector indicates good overall industrial growth in August, the data for which will be made public later shortly. Steel topped the growth chart with 14.2 per cent y-o-y. This was followed by coal production with a rise of 11.4 per cent, cement production by 6.1 per cent, fertilizer production by 4.6 per cent, electricity generation by 3.1 per cent, and petroleum refinery production rose 3 per cent. However, crude oil production declined 12 per cent. Similarly, natural gas production dropped 2.2 per cent. "ICRA expects the IIP growth to print at 4.5-5.5 per cent in August 2025, particularly aided by a turnaround in the performance of mining output, which has seen a contraction in every month during April-July 2025," said Aditi Nayar, Chief Economist at ICRA. ■

Pants are no longer at the bottom of the style pyramid

For typographer Pooja Saxena, pants don't revert to type. A tall woman, Saxena says culottes were her gateway drug to try on fun pants. She tried a barrel and wide-leg pants next. For her, it's not just about the ease of movement that a wider leg provides, it's also the playfulness a new shape brings: a different proportion or a new canvas to play around with styling elements like funky socks as most of the new pants are cropped. She says, "Barrel pants allow me to lean into a more menswear/butch way of dressing. In terms of silhouette, they allow me to recreate the Mask look. I never really thought of that as someone I wanted to dress like, but I love it!"

The Mask, played by Jim Carrey, is an unlikely sartorial hero but just as the mask unleashed a fun and eccentric side to the staid Stanley Ipkiss in the movie, the new pants are here to let us have some fun. Since 2020, fashion watchers have been mulling over what's going on with pants. Some call it pants chaos, a few refer to it as pants anarchy and yet others call it a pants reimagining. The 'pandemification' of pants has come full circle in 2025, when skinny jeans are still languishing in our closets. Striding ahead are the wide legs, the balloon pants, the baggy pants and the barrel pants.

Wide Angle

You know a trend has hit critical mass when the street market confirms it. The wide legs have percolated down to the bylanes of neighbourhood markets. Pants have got puffier, with higher rises or, like with The Label Jenn, a casualwear label founded by Jinita Sheth, they are deconstructed with pleats, belts at the shins, or pooled hemlines. Sheth, who started out her label by collecting vintage and novelty belts, ventured into apparel and especially pants after she found a huge gap in the experimental silhouettes. She says, "Age-wise, there's a cultural shift towards comfortable fits — and pants are no different. The younger audience is seeking more street style and wants to invest in clothes that are almost art and make them unique."

Brands — high-fashion and street—are getting more creative with bottoms. Levi's, Zara and H&M have all gone wider in the leg, and so have indie brands like The Label Jenn, Mati, Our Own Pace, Doodlage and Grass by Geetika Goyal, among others.

Shivani Barua, cofounder of the streetwear label Our Own Pace, says barrel jeans and balloon pants are their current bestsellers. She pins their

popularity on two factors — the post-pandemic push for comfort dressing and the shift from skinny jeans as people crave alternatives that feel modern, relaxed and wearable without looking shapeless. "One thing I've seen with our customers is how these shapes adapt beautifully across different body types — whether someone is petite, curvy, or tall, the structure enhances rather than hides."

High-fashion runways — from Alaïa and Loewe to Saint Laurent — have played a huge role in reviving these silhouettes. A September 2025 report in *The Business of Fashion*, a digital resource on the industry, mentions how wider pants are becoming part of men's wardrobes. Citing the retail data platform Edited, it says the number of wider pant styles for men available at mass retailers in US jumped 17% in August 2025 over the previous year, while skinny pants fell 47%. In fact, in 2024, many fashion editorials called the barrel pants — that have a fitted waist, a bold curve through the hips and thighs, and a tapered ankle, creating an effortless but sculpted silhouette — one of the most divisive trends. While fans love them for their comfort, critics call them unflattering.

Mumbai-based designer Anushe Pirant, founder of eponymous show fashion brand, says comfort is the driving force behind it. Pants today, she notes, feel elevated in style and are intentional — not an afterthought. "People want comfort but with character and seek clothes that move with them," she says. "There's more experimentation in bottoms probably because they were neglected for such a long time."

Comfort zone

Wearers swear by the comfort of the new pants. Ahmedabad based sari stylist Ashwini Narayan says her favourite pants are deconstructed, wide-leg, balloon and harem. She especially likes the samurai pants as they let her legs breathe. Chennai-based sewist Sudha Sekhar has stitched many of her current barrel pants. Unlike naysayers, she finds the fit very forgiving. The trick? "The curve of the pants has to be well constructed to become flattering. Proportions are key."

Sustainable wear designer Geetika Goyal, who has been in the business since 1998 catering to UK and US, launched Grass by Geetika Goyal for the Indian market. She's always had an affinity for pants. In 1998, she started out with an exhibition in London called "Get Your Pants On" — a collection

Pants are no longer at the bottom of the style pyramid

of old pants from all over the world. “At Grass, I’ve had the salwar pants, the zouave pants [which resemble the uniform of the zouave units of the French army] and the Afghan pants from the very beginning,” she says. They have now added pleated pants and cocoon pants, which are a big hit.

Goyal says traditional pants, regardless of their region of origin, are relevant because of their loose fits. More importantly, they are sustainable as their cut ensures no wastage of cloth. Goyal likes an unusual cut but stays away from exaggerated silhouettes as they impact wearability.

Bottoms up

Fatima K Punjaabi, founder of Mati, says she works with cuts that feel organic to her brand. She usually keeps the fits relaxed but her baggy pants have found a new fan base among men. While women are wary of new silhouettes that seem to add volume to their frame, says Punjaabi, men are discovering comfort with baggy pants. The change came after actors like Rajkummar Rao and Akshay Kumar were spotted wearing “interesting” pants. “There’s definitely a gap in the market for different silhouettes for men. And men are now seeking

change and want to experiment with style,” she says.

Bottoms in general — pants, salwars or skirts — are having a moment. People want to push the limits of personal style with them. Barua says, “The popularity of sculptural, exaggerated pants reflects where we are right now, where people want comfort without compromising on individuality. These silhouettes carry a sense of intention and structure, which feels aligned with how people want to present themselves today: effortless yet thoughtful.”

Even Sheth, who works extensively with denim, says that this is not a one-off. Going forward, she says pants will only become more experimental and exaggerated. “People want to wear unique pieces. So expect this category to get even more detailed,” she says. For Goyal, these pants capture the current mood and trend of oversized.

Barua says the success for these styles is more than hype; it comes from demand for pieces you can live in, not just show off: “In many ways, these styles speak to a collective desire to redefine what ‘put together’ means.” It’s bottoms-up time! ■

Apparel industry appealed for 5% slab on all garment categories

The apparel industry recently appealed to the Centre to bring all garments across all price points under the 5 per cent goods and services tax (GST) slab. Currently, garments priced below ₹1,000 are taxed at 12 per cent GST rate.

The Clothing Manufacturers Association of India (CMAI) said that if certain portions fall under the 18 per cent GST slab then it would be “disastrous for the industry”.

The note also said that if the GST slabs are higher for the apparel industry, it would nudge manufacturers to compromise on the quality of their products and reduce prices just to fall under the lower tax slab.

The difference between the two slabs, which at the moment is 5 per cent and 12 per cent, would become 5 per cent and 18 per cent. This would encourage under-invoicing, unhealthy practices, and the grey market, as manufacturers might prefer to shift there rather than pay such a high rate of GST.

“The only way the proposed GST reforms will be beneficial for the apparel industry is if the entire textile value chain is shifted under the 5 per cent slab, which the apparel industry has been asking for since the day GST was introduced. This will make clothes cheaper and also eliminate the problem of the inverted duty structure. Therefore, I strongly recommend and urge the government to shift the entire textile value chain under the 5 per cent slab,” Rahul Mehta, chief mentor of CMAI said on the proposed GST reforms.

Mehta also said that the difference in the tax slabs could cause under invoicing, unhealthy practices, and the grey market, as manufacturers might prefer to shift there rather than pay such a high rate of GST.

Prime Minister Narendra Modi announced GST reforms as a Diwali gift to lower the tax burden on the common man in his Independence Day speech. ■

High yield, prices sure to help jute growers earn more

India's raw jute production will likely be the same as last year on good yield aided by rain, though there has been a slight decrease in the total area sown under jute in the current season.

With prices ruling at a record high, jute growers could be enjoying one of the best years this time. The country's raw jute production in 2024-25 was around 75 lakh bales (180 kg).

"Last year, the total sowing area was around 4.9 lakh hectares while this year, the total area under jute is 4.70 lakh hectare. As the yield has been good, raw jute productions expected to be similar to last year," Indian Jute Mills Association (IJMA) Chairman Raghavendra Gupta told reporters.

"Last year, prices of raw jute were around the MSP level. That was the reason behind the lower sowing area for this year," he pointed out.

New entrants

Jute is cultivated mainly in seven States — West Bengal, Bihar, Odisha, Assam, Tripura, Meghalaya and Andhra Pradesh. "Our estimate is that the production for this year would be similar compared to last year. As the rains have been good this time, it has improved both yield and quality of raw jute," said Jute Commissioner Moloy Chandan Chakraborty.

"Jharkhand and Nagaland have started cultivation of jute as well. In Jharkhand, for the last two-three

years, raw jute production has been rising. This year, in the State, sowing area was around 5,000 acres," Chakraborty informed.

Prices of the raw jute are currently one of the highest ever, backed by higher demand and speculation, as India earlier this year imposed a ban on import of jute products and ropes from Bangladesh. Currently, the weighted average price of raw jute is ₹8,143 a quintal against the MSP of ₹5,650 for this crop year to June 2026. A year ago, prices ruled at ₹5,065.

A notification issued by the Directorate General of Foreign Trade (DGFT) in August stated that items such as jute fabrics, twine, ropes and bags can now enter India only through the Nhava Sheva Seaport in Maharashtra. The move is aimed at quality control or protection of the domestic industry, according to the Centre.

Banned products include bleached and unbleached woven fabrics of jute or of other textile bast fibre, twine, cordage, rope of jute, and sacks and bags of jute. Imports of these products from Bangladesh will not be allowed from any land port.

Industry insiders said the ban on jute items from Bangladesh will help Indian industry in the long run. However, Indian jute exports will get impacted at present as exporters used to make use of high quality raw jute from the neighbouring country for high-priced exportable products for the overseas markets. ■

Textile firms asked the govt. not to levy anti-dumping duty on key input

The textile industry has appealed to the government not to levy anti-dumping duty on Mono Ethylene Glycol (MEG), which is one of the main raw materials used in the production of polyester fibre and filament.

R.K. Vij, secretary general, Polyester Textile Apparel Industry Association, told reporters the textile industry consumed 70%-75% of Purified Terephthalic Acid (PTA) and MEG produced locally, the key raw materials for the production of polyester fibre.

The annual requirement of MEG is 28 lakh tonne and almost 12 lakh tonne is imported from Singapore, Qatar, and Saudi Arabia. The industry cannot import MEG from China on account of Quality Control Order restrictions.

"One of the critical raw materials of manmade fibre, yarn, filament, fabrics and garments — MEG — is going to become 20% more expensive due to the proposed imposition of anti-dumping Duty (ADD)," he said.

Huge imports

India imported 40% of the MEG consumed by the domestic manufacturers. Further, there is no project in

the pipeline for the next three to four years to raise the production of MEG in India. The government removed ADD on PTA in the 2020 Union Budget to ensure the availability of the raw materials at international prices for the domestic MMF industry.

It should not impose the ADD on MEG too.

The government recently reduced GST on MMF yarn and fabrics to encourage greater production of MMF textiles. If ADD is imposed on MEG, the MMF sector will not see growth as the raw material for the production of synthetic products will become expensive, he said.

Ashwin Chandran, chairman of the Confederation of Indian Textile Industry and the chairman of the Southern India Mills Association, Durai Palanisamy, stated that polyester fibre was predominantly made from PTA and MEG.

The raw materials should be made available at international prices for the textile industry.

The industry is hopeful of meeting with Textiles, Finance, and Chemical Ministries soon to discuss the issue, added Mr. Vij. ■

Retailers face challenges of High Fashion

Several clothing retailers from Marks & Spencer and H&M to Zudio and Lifestyle are facing short supplies in their stores nearly three months after India banned road imports of readymade garments from Bangladesh, industry executives said.

Readymade garments from the neighbouring country are now allowed only through seaports of Kolkata and Nhava Sheva in Mumbai. While the policy change has led to delays of 2-3 weeks in merchandise sourcing, especially in lower-priced fashion, the impact is felt now as retailers start stocking fresh collections alongside end-of-season sales.

"The shortfall is more visible now," a senior executive at a global apparel brand said on condition of anonymity.

Bangladesh, the world's second-largest exporter of garments after China, is a crucial supplier for Indian brands, especially in the affordable segment.

The Directorate General of Foreign Trade (DGFT), in a directive issued on May 17, prohibited imports of all kinds of readymade garments from Bangladesh through land ports.

Most retailers including Lifestyle, Reliance and Aditya Birla have been gradually shifting some of their production domestically after the policy shift.

"While we have shifted some of our sourcing within the country, there are a few categories which

we import from Bangladesh and have been delayed due to the policy change," said Devarajan Iyer, chief executive officer of Lifestyle International, India's biggest departmental chain. "We will have to plan ahead to ensure steady supplies of fresh merchandise to minimise its impact on sales."

Rahul Mehta, chief mentor of Clothing Manufacturers Association of India (CMAI) and managing director of garment sourcing firm Creative Garments, warned that while cost will increase by 3-5% due to higher shipping costs, the impact will not be immediate as many Indian buyers had secured contracts few months in advance.

"However, smaller traders and grey market operators, who depend heavily on quick and low-cost supplies from Bangladesh, are expected to get impacted due to the policy shift," Mehta said.

The move has led to significant delays in inventory replenishment, especially in the affordable fashion segment.

"Imports of readymade garments from Bangladesh have dwindled by 25% year-on-year," said Sanjay Jain, managing director of textile and apparel firm TT Industries and chairman of the textile expert panel of the Indian Chamber of Commerce. "These are garments which are priced lower than ₹1,000 and are sold by local retailers and brands." ■

Apparel maker Cantabil targets ₹1,000 crore revenue

Apparel maker Cantabil Retail India Ltd, which completes 25 years in business, is eyeing revenues of over ₹1,000 crore by FY27 through a strong double-digit growth year-on-year, backed by store footprint expansion.

The company said it is witnessing good sales momentum in the ongoing festival season, aided by GST rate cut and positive festival sentiment. Effective September 22, the GST rate on apparel products priced upto ₹2,500 has been reduced to 5 per cent from 12 per cent.

"Nearly 60 per cent of our revenue comes from the product portfolio in this price range. Our average selling price is ₹1,200. We have passed on the benefits of the GST cut to consumers. Since September 22, we are seeing very good traction. So, overall, Q2 has gone as per our expectations," said Shivendra Nigam, CFO, Cantabil Retail India.

"We expect the GST rate cut and income tax benefits, among other factors, to provide a strong consumption boost. We also expect this to strengthen the consumer

shift from the unorganised segment in the apparel sector. We believe GST 2.0 will have a longer-term positive impact on the sector," he added.

The company said it is eyeing over 20 per cent growth in the ongoing festival season, as it is witnessing buoyant consumer sentiment over the past days, and expects this momentum to continue.

The company ended FY25 with revenues of about ₹721 crore. "We believe we have the potential to reach the ₹1,000 crore milestone by FY27. We are targeting strong double-digit growth of over 20 per cent to achieve this goal," Nigam added.

As of September 30, the brand operates 632 stores, including franchise-owned stores. "In the past six months, we have opened about 30 stores. About 40 stores are in the pipeline. So we are on track to open 60-70 stores by the end of FY26," he added. Nearly 6 per cent of the company's sales comes from the e-commerce.

Nigam added that the brand is looking to steadily grow this share year-on-year, and expects the online channel's share to grow to about 10 per cent. ■

No price rise on premium apparel despite higher GST

With the GST rate hiked from 12 per cent to 18 per cent on apparel priced above ₹2,500, brands are either fully or partially absorbing the impact to fuel consumer demand during the festival season.

At the same time, they have reduced prices by 6.25-7 per cent on apparel products priced up to ₹2,500, which now attract lower GST at 5 per cent from 12 per cent.

Demand Traction

Akhil Jain, MD and CEO of Amar Jain Clothing, that owns brand Madame, told reporters that the company has passed on benefits of 7 per cent on clothing items that attract reduced 5 per cent GST rate.

"We believe this will definitely provide impetus to demand traction during this festival season. For clothing items priced above ₹2,500, which make up 20 per cent of our portfolio, we have not increased prices despite increase in GST, and are absorbing the impact. We want to offer more value for money to consumers through this measure during this festival season," he added.

Jain said the company is bullish on the festival season. "On the first day of *Navratri* we saw higher demand compared to what we saw on the first day of *Navratri* last year, although the period has kick-started earlier than last year," he added.

The last two years have been challenging for the apparel segment after the pent-up demand seen

post Covid, and players are now banking on strong demand recovery this festival season.

Harkirat Singh, MD, Aero Club, known for brands Woodland and Woods, said: "We have not hiked prices on products priced above ₹2,500 that are attracting a higher GST rate. We have a large portfolio priced in this price range. We are still contemplating on this matter and figuring out future steps. We don't want to disrupt the strong demand momentum nearly 60 per cent of the sales for us happen during this period. At the same time, we have passed on the benefits of reduced GST to 5 per cent, wherever applicable."

Mixed impact

Arun AB, VP-EBOs at Libas, added: "GST 2.0 brings clarity and positivity for mass fashion, with garments under ₹2,500 now at 5 per cent — a big win for everyday wear. However, the shift of premium categories like lehengas and bridal wear to 18 per cent from 12 per cent brings challenges, especially during season. This mixed impact is being felt across the retail apparel sector. We are passing on 100 per cent of the GST benefit wherever rates have dropped, while also absorbing part of the hike in categories like lehengas, to ensure customers continue to see value."

A store manager of another key international brand told reporters that prices have not been hiked on products that are now attracting higher GST. ■

2025-26 cotton carry-forward stocks estimated at 5-year high

India's cotton carry-forward stocks for the new season 2025-26 starting October are estimated at 60.59 lakh bales (of 170 kg each), the highest in five years.

Cotton stocks at the beginning of the current 2024-25 season ending September were 39.19 lakh bales.

"The increase in closing stocks is mainly on account of higher imports of 41 lakh bales over last year's 15 lakh bales. Also, the opening stocks are the highest after the Covid year 2020-21 during, which it was around 120 lakh bales," Atul S Ganatra, President, Cotton Association of India (CAI), told reporters.

The government recently removed the 11 per cent import duty on cotton till the year end to help the textiles sector deal with the US tariff issue.

"We expect around 20 lakh bales to be imported during the October-December quarter," Ganatra said.

Higher imports

For the current 2024-20 season, CAI has revised upwards the imports by 2 lakh bales from its earlier projection to 41 lakh bales after the government removed the import duty.

The cotton imports for the 2024-25 season are higher by about 25.80 lakh bales over the previous year's 15.20 lakh bales.

Up to August 31, 36.75 lakh bales are estimated to have arrived at Indian ports, Ganatra said.

For the 2024-25 season, CAI revised the cotton pressing numbers by one lakh bales to 312.40 lakh bales, based on the latest report submitted by upcountry associations and trade sources.

Revised estimates

About 307.09 lakh bales have already arrived till August and the balance 5.31 lakh bales are expected during September.

The pressing estimates in Maharashtra have been increased by 1 lakh bales to 91 lakh bales, and in Andhra Pradesh by 0.5 lakh bales to 12.5 lakh bales.

However, in Telangana, the pressing estimate has been reduced by 0.5 lakh bales to 49 lakh bales.

CAI has maintained the consumption estimate at 314 lakh bales for 2024-25, the same as projected previously.

The consumption till August was estimated at 286 lakh bales.

The exports for the 2024-25 season are projected at 18 lakh bales, lower by 10.36 lakh bales over 28.36 lakh bales a year ago. ■

Value apparel retailers expect 20% growth in festive sales

Some of the country's top value apparel retailers such as V-Mart Retail, V2 Retail and Vishal Mega Mart expect a 20% growth in festive sales on the back of GST cuts, top executives say.

This number is almost double of the about 10-12% sales growth that the chains have seen in the last few years, according to sector experts.

The GST Council, in its meeting earlier in September, had brought apparel up to ₹2,500 under the 5% tax bracket, while garments above ₹2,500 will attract an 18% GST.

Lalit Agarwal, founder and MD, V-Mart Retail, said the tax cuts would push up sales in the mid-priced value segment (between ₹1,000 and ₹2,500), which constitutes about 20-25% of its sales.

"As a value retailer, we had nearly 75-80% of our apparel priced under ₹1,000, which attracted a 5% GST. Increasing this threshold to ₹2,500 will mean that demand in the mid-priced value segment will improve. This is a positive for us," Agarwal said.

Akash Agarwal, whole-time director, V2 Retail, believes that there is buoyancy in the market following the GST cuts. "With common-man items in general getting cheaper, the GST cuts will give more room for consumers in terms of discretionary spending. We see that flowing into value retail, notably during the festive season," he said.

Executives at Vishal Mega Mart say that they see garment prices falling in the ₹1,000-2,500 bracket encouraging more consumers to try out products in this price range. The price drop in this bracket could be in

the region of about 6-7%, which should help improve unit sales, they said.

Almost 44% of Vishal Mega Mart's topline comes from apparel, while 28% each comes from general merchandise and FMCG, the company said.

Agarwal of V-Mart Retail said he sees more small retailers coming into the formal economy with the GST cuts. "As GST rates get rationalised, it will be difficult to manage a parallel economy, which should encourage smaller retailers to get into the formal economy," he added.

This point has also been hinted at by the Retailers Association of India (RAI), an apex body of organised retailers. RAI said the GST changes will not only reduce consumer prices, but also stimulate demand, improve ease of doing business for retailers and MSMEs, and support retail sector growth.

Larger players such as V-Mart and V2 Retail will continue to add stores over the next few years, mainly in tier 2 and 3 markets, as the GST cuts give a boost to consumption.

V2 Retail, for instance, will add 100 stores annually, with an aim to reach around 600-700 stores by FY30. It now operates 189 stores across 20 states, covering a retail area of 2 million square feet.

V-Mart Retail is targeting net additions of 60-65 stores in FY26. It currently has 510 stores across the country, covering 4.4 million square feet. The retailer has said it is looking to expand its foot print, focusing on strategic and sustainable growth after a period of rationalisation of its store network. ■

Cotton output likely to be at 312-335 lakh bales this season

India's cotton output for the 2025-26 season starting October is likely to be between 312 and 335 lakh bales of 170 kg each, despite a dip in area and fear of excess rain hurting production in some regions.

Arrivals of the new crop have picked up for a week across various States with the daily arrivals estimated at over 1 lakh bales. Price of raw cotton is trending below the minimum support price (MSP) levels on weak demand.

The carry-forward stocks for the 2025-26 season are estimated at 60.59 lakh bales over 39.19 lakh bales a year ago due to higher imports.

Atul S Ganatra, President, Cotton Association of India (CAI), said the 2025-26 crop is in a good condition and the official crop estimates will be announced in the last week of October. All the 10 State associations feel that the crop is good. A minimum crop size of 312 lakh bales of 170 kg each and maximum of 335 lakh bales can be expected with Gujarat and Maharashtra likely to report higher yields. "We have called for a meeting to estimate the new crop in the last week of October," he said.

Kharif Acreage

Cotton area this kharif season was down at 110 lakh hectares (lh) over 112.97 lh last year, as a section of farmers switched to other crops such as maize and oilseeds. Daily arrivals have picked up and have crossed the 1 lakh mark 3rd week in October. "In the last four days of the same week the arrivals were above 1 lakh bales, Ganatra said.

CAI has maintained its pressing estimates for the just ended 2024-25 season at 312.40 lakh bales. Based on feedback from its member association, CAI estimates total supply till September-end at 392.59 lakh bales. This comprises pressing of 312.40 lakh bales, import of 41 lakh bales and the opening stock of 39.19 lakh bales. Consumption till the end of the cotton season 2024-25 is estimated at 314 lakh bales and exports at 18 lakh bales (28.36 lakh bales in the previous season).

Season-end stocks are estimated at 60.59 lakh bales, including 31.5 lakh bales with textile mills and the remaining 29.09 lakh bales with the Cotton Corporation of India, the Maharashtra Federation and others (MNCs, traders, ginners and exporters), including cotton sold but not delivered. ■

REDEFINING THE APPROACH TO TRADITIONAL BAGRU PRINTING THROUGH CONTEMPORARY MATERIALS AND TECHNIQUES

Saikhom Debina Chanu, Ph.D Scholar, Dr. Sandeep Bains, Professor, and Dr. Sumeet Grewal, Scientist
Department of Apparel and Textile Sciences, College of Community Science,
Punjab Agricultural University, Ludhiana

ABSTRACT

Bagru printing is a traditional method of block printing carried out by the *chhipa* community of *Bagru* village in Rajasthan. This technique is under the threat of globalization and fast fashion involving synthetic dyes and mechanical printing. Hence, there is a need to save this art in the present context of preserving the heritage and environment consciousness. The present study aims at redefining the approach to traditional *Bagru* printing process through contemporary materials and techniques. This is essential as some of the traditionally used ingredients are difficult to procure and the process is very tedious. So, the process was redefined by optimizing the contemporary materials which are easily available, low cost and environment friendly so as to save time, labour and money besides retaining the traditional essence of printing method at the same time. The block printing using the modified method was carried out on cotton fabric employing wooden blocks with motifs specific to the traditional *Bagru* printing. The printing was done using the optimized printing paste for red and black colour and dyed with madder dye to obtain rich colours. The colour fastness to light, washing, rubbing and perspiration of *Bagru* printed cotton fabric was evaluated and found to be good to excellent.

Keywords : *Bagru* printing, contemporary, colour fastness, optimization.

INTRODUCTION

India is known for its diverse printing styles. Each region has its own specialty. According to different regions, traditionally they had unique motifs design and colour schemes (Yogi 2018). Hand block printing is a practised skill work that has been handed over through generations to generations and gives a stable emolument to craftsmen (Rahman 2022). *Bagru* printing is a 300-year-old long established hand block printing technique. In Rajasthan, *Bagru* is a village near Jaipur which is known for being a centre for dyeing and printing with natural mineral-based dyestuff. (Karolia 2019). *Bagru chhipa* community had shifted from Jaipur and settled at *Bagru*, a village near the Sanjaria river, as it supplied water which was required for dyeing and printing. Many printer families still live in the place called *chhipa mohalla* (printer quarters)

even though, 20 years ago the river almost dried up (Batham 2014). Traditionally, natural dyes were used in the printing process. Colours were created by combining clay, roots, flowers and tree barks. Though the industry has grown over time, there is a significant disparity between its popularity and the condition of artisans. The introduction of synthetic dyes has also created more problems for artisans, resulting in a disparity between craftsmen, leading to increased commodification and disengagement (Meitei and Ahemad, 2022).

Printing with natural dyes has its own beauty and uniqueness. In recent years the demands for natural printed textiles have increased rapidly due to the consciousness towards the environment as well as to health benefit. The environment friendly dyes are non-poisonous, non-allergic, and non-carcinogenic, with relaxing and harmless effects that have been found to be very stimulated and profitable in the market (Sanjeeda and Taiyaba, 2014). The process of traditional printing method is time-consuming and requires an experienced labour (Preetha, 2024). It requires twenty people, each performing a different work up to eight hours to operate a single block printed fabric (Hobbins, 2007). In order to meet the growing demands, the artisans need to adopt the modern materials and techniques in place of the traditional printing methods. Hence, the present study has been planned to replace traditionally used ingredients with the contemporary materials that are easy to procure and implement by the artisans keeping in mind to retain the traditional effect of printing method.

In the process of scouring, the traditional method used animal dung, castor oil and alkali from the olden days, which was available in abundant but nowadays these are not easily available in some places, so there was a need for replacement of the ingredients use contemporary ingredients. In traditional method, black colour was obtained by soaking the rusted iron; jaggery which was kept for fermentation and after that tamarind seed powder was added. These are heated on a fire till the right consistency of the colour was obtained. But can be replaced with tannic acid, ferrous sulphate (Shwetambri and Verma 2017) and guar gum as it gave the same black colour which can save time and is more convenient to use. In traditional

method, the alum was soaked in water overnight and it was mixed with tamarind seed powder to form the red paste, whereas it can be replaced with contemporary ingredients that are cost effective and easily available i.e. alum, guar gum and red ochre powder for visibility.

OBJECTIVES

- ▶ To optimized the *Bagru* printing method using contemporary materials and techniques.
- ▶ To evaluate the colour fastness properties of the printed fabrics.

MATERIALS AND METHODS

Pure cotton fabric in plain weave was procured from the local market. For scouring non-ionic detergent and sodium carbonate were used. For making printing paste, alum, red orche powder, tannic acid, ferrous sulphate, guar gum and sodium carbonate were employed. For dyeing, natural dye madder was used.

Preparation of fabric

The fabric was scoured by dipping in a solution containing 5g of non-ionic detergent and 10g of sodium carbonate per litre of water. It was boiled for 60 minutes to accelerate the process. Later fabrics was rinsed for two or three times and dried in the sun. The scoured fabric was treated with myrobalan solution using 2g of myrobalan/gm of fabric for 12 hours keeping MLR 1:20. The myrobalan treated fabric was then squeezed and dried in sun. The yellow toned fabric was then ready to be printed (Babel and Gupta 2015).

Printing paste preparation

The printing paste was prepared using alum, red orche powder, tannic acid, ferrous sulphate, guar gum and sodium carbonate in 100 ml of water. Optimization of the red colour paste and black colour paste was done by evaluating various concentrations of different ingredients by assessing the fastness to light. The concentration at which the samples gave maximum fastness to light was selected as optimum.

For red colour-

- ▶ Four different concentrations of alum 5 gm, 10gm, 15 gm and 20 gm in 100 ml of hot water were tested with constant amount of guar gum i.e. 2gm.
- ▶ Four different concentrations of guar gum were taken i.e. 0.5gm, 1 gm, 1.5 gm and 2gm and the optimized concentration of alum was used.

- ▶ A pinch of red orche powder was added to provide red tint to the white paste, to increase the visibility on the fabric.

For black colour-

- ▶ Different concentrations of ferrous sulphate 10 gm, 12gm, 14gm and 16 gm were tested while keeping tannic acid and guar gum at constant 2 gm each. Five gm sodium carbonate was added in each paste to maintain the alkalinity of the paste.
- ▶ Four concentrations of tannic acid 1gm, 1.5 gm, 2 gm, and 2.5 gm were tested while taking the optimum concentration of ferrous sulphate. Guar gum was kept constant i.e. 2gm in each paste and 5 gm of sodium carbonate was added to maintain the alkalinity.
- ▶ The guar gum was added in four different concentrations 1gm, 1.5gm, 2gm and 2.5 gm to the four pastes prepared with the optimized ferrous sulphate and tannic acid along with 5 gm of sodium carbonate.
- ▶ The sodium carbonate was added in four different concentrations- 2 gm, 3 gm, 4 gm and 5 gm to the four different pastes prepared with the optimized ferrous sulphate, tannic acid and guar gum.

Printing

The printing paste was applied on myrobalan treated fabric with wooden blocks and the fabric was then dried in hot air oven at 60° C for 12 hrs so that the fabric absorbs the mordant properly.

Dyeing

The dried fabric was thoroughly washed to remove any access paste to avoid bleeding of colour. Later, it was dyed in extracted madder dye solution, maintaining M:L:R as 1:40, dyeing temperature 100° C and dyeing time 60 min (Batham 2014) to give the red colour on the area where alum paste was printed. The area where the black paste was applied remained black.

Fastness properties

The printed samples were tested for colour fastness to light, washing, rubbing and perspiration following the Standard Test Methods as given below:

I. Light fastness test

The colour fastness of dyed fabric samples to light was evaluated using the BIS Standard Test Method IS: 2454-1985. Samples were exposed to MBTL fading lamp light for a minimum of 5 hours.

REDEFINING THE APPROACH TO TRADITIONAL BAGRU PRINTING THROUGH CONTEMPORARY MATERIALS AND TECHNIQUES

They were placed near the lamp until they faded to match a specific grade on the blue wool scale.

II. Washing fastness test

To evaluate the washing fastness of the dyed samples, the Standard Test Method prescribed by BIS (IS: 3361-1979) was used. The original and test specimen was compared and gave the fastness rating with the help of grey scale for evaluating colour change.

III. Rubbing fastness test

The colour fastness of the dyed samples to rubbing was assessed using the test prescribed by BIS i.e. IS: 766-1988 in both dry and wet condition. The different grades in the grey scale for change in colour and staining were compared with the test samples to give fastness grades in accordance with standard grey scales.

IV. Perspiration fastness test

The Standard Test Method which was prescribed by BIS IS: 971-1983 was used for determining the colour fastness to perspiration of dyed samples. The test samples were evaluated against grey scales for colour changes and staining for both acidic and alkaline perspiration.

RESULTS AND DISCUSSION

The final printing on the cotton fabric was done using the optimized printing recipe as furnished in Table 1. The red printing paste was prepared by adding 20 gm of alum and 2 gm of guar gum to 100 ml of water. To build up red colour of printing paste, 0.5 gm of red ochre powder was added to it so as to make the print visible on fabric. Black printing paste was prepared by mixing 10 gm of ferrous sulphate, 2.5 gm of tannic acid and 2.5 gm of guar gum in 100 ml of water. Dyeing was done using madder dye (1gm/gm of fabric) maintaining M:L:R 1:40, dyeing temperature 100° C and dyeing time 60 min (Batham 2014) to give achieve a good print on the fabric.

Table-1. Optimized recipe of Bagru printing paste

Ingredients for red paste	Concentration (gm)
Alum	20
Guar gum	2
Red orche powder	0.5
Water	100ml
Ingredients for black paste	Concentration (gm)
Ferrous sulphate	10
Tannic acid	2.5

Guar gum	2
Water	100ml
Dyeing process	
Madder	1gm/gm of fabric
M:L:R	1:40
Dyeing Temperature	100° C
Dyeing Time	60 min

The alum printed samples gave bright red colour and ferrous sulphate printed samples gave black colour. Shwetambri and Verma (2017) also reported same results in their work on the use of aluminium potassium sulphate and ferrous sulphate mordants for the preparation of printing paste for the colour variation. Guar gum thickeners demonstrated superior properties to alginate thickeners and can be used as an alternative to synthetic thickeners due to their environmentally friendly, non-hazardous, and cost-effective derivatives. Guar gum is an excellent natural thickener, stabilizer, and gelling agent that could be used in a variety of industries, including food, cosmetics, textiles, oil fracturing, and mining (Iqbal *et al* 2020).

Table-2. Comparison between the traditionally used ingredients and modified ingredients for Bagru printing method

Process	Traditional ingredients	Modified ingredients
Scouring	Animal dung, castor oil and alkali (soda ash)	Non-ionic detergent and sodium carbonate
Myrobalan treatment	12 hours of treatment	12 hours of treatment
Black colour	Rusted iron, jaggery and tamarind seed powder	Tannic acid, Ferrous sulphate and guar gum
Red colour	Alum and tamarind seed powder	Alum, guar gum and red ochre powder

Table 2 shows the different ingredients that are used in traditional printing method and the modified printing method. Some of the ingredients that are used in traditional method were not easily available in one region, so contemporary ingredients were used that are easily available all over the globe. In the process of scouring, the traditional method used animal dung, castor oil and alkali from the olden days, which was available in abundant but nowadays it was not easily available in some places so there was a need for replacement of the ingredients and contemporary ingredients can be, used anywhere.

REDEFINING THE APPROACH TO TRADITIONAL BAGRU PRINTING THROUGH CONTEMPORARY MATERIALS AND TECHNIQUES

Table-3. Comparison of changes in time duration between the traditional method and modified method for Bagru printing method

Process	Traditional method	Modified method
Scouring	2 day	60 minutes
Myrobalan treatment	12 hours	8 hours
Black colour	3-5 weeks	1 hour
Red colour	12 hours	1 hour
Drying after printing	5 day	12 hours
Dyeing	3-4 hours	60 minutes

Table 3 depicts the changes in time duration between the tradition printing recipe and modified printing recipe. The used of contemporary ingredients can speed up the printing process and can save time. In scouring process, time taken in traditional printing recipe was 2 days, which reduced to 60 min in modified method, likewise, time taken to prepare black colour for Bagru printing was reduced to 1 hour from 3-5 weeks. Similarly, time taken to prepare red colour for Bagru printing was reduced to 1 hour from 12 hrs. For drying after printing, time duration was reduced to 12 hours from 5 days. By providing heat during drying, time can be drastically reduced. Dyeing time can be shortened from 3-4 hours to 60 minutes. Likewise in all the other process, reduction of time can be seen, expect for the myrobalan treatment which remains the same. Thus, with the implementation of modified recipe the printing can be successfully done within lesser time.

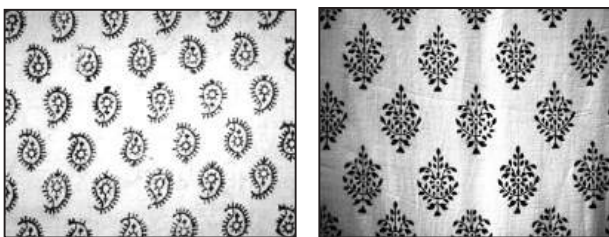


Figure-1 Samples printed with modified Bagru printing method

II Colour fastness of cotton fabric printed with modified bagru printing process

Table-4. Colour fastness grades of cotton fabric printed with modified Bagru printing process

Sample	Light fastness	Washing fastness		Rubbing fastness				Perspiration				
		CC	CS	Wet		Dry		Acidic		Alkaline		
		C	W	CC	CS	CC	CS	CC	CS	CC	CS	
								C	W		C	W

Red print	6	5	5	5	5	4/5	5	5	5	5	5	4/5	5	4
Black print	5	5	5	5	4	4/5	5	4/5	5	4	4/5	5	5	5

C = Cotton, W = Wool, CC = Colour Change, CS = Colour Staining

The colour fastness of cotton fabric printed with modified bagru printing process is depicted in Table 4. The red print had very good light fastness (grade 6), and the black print was good (grade 5). Both prints excelled in washing fastness (grade 5) with negligible staining. For wet rubbing, the red print was excellent (grade 5) and the black print good (grade 4), with very slight staining (grade 4/5) for both. In dry rubbing, both prints were excellent (grade 5), with the red print showing no staining and the black print slight staining (grade 4/5). In acidic perspiration, both prints showed excellent fastness (grade 5) with the red print showing no staining and the black print gave slight staining on cotton and wool adjacent fabrics. In alkaline perspiration, the red print showed very good fastness (grade 4/5) and the black print depicted good fastness (grade 4), with slight staining on wool by red print and no staining by black print.

CONCLUSION

The present study aimed at redefining the traditional Bagru printing method using the modified printing materials and techniques. The outcome was a beautiful and bright red and black print on pale yellow base. The printed fabric also showed excellent to good fastness to light, washing, rubbing and perspiration. The modified method will help the artisans in substituting some of the outdated ingredients with the new ingredients without compromising the authenticity of the traditional printing in outcomes. Thus, it can be concluded that the traditional Bagru printing method can be successfully adapted by replacing some of the outdated materials with modern day ingredients that are faster and easier to obtain, while yet retaining the traditional effect of printing. Hence, craftsmen can revive this beautiful craft and meet the demands of environment conscious consumers that appreciate this rich textile legacy.

RECOMMENDATION FOR FURTHER STUDIES

Further study can be done on making ready to use printing pastes from the natural dyes replacing synthetic dyes. This would help the artisans to meet the growing demands for the natural dyed printed textiles and it will contribute toward sustainability.

REDEFINING THE APPROACH TO TRADITIONAL BAGRU PRINTING THROUGH CONTEMPORARY MATERIALS AND TECHNIQUES

REFERENCES

- Babel, S. and Gupta, R. (2015). Block printing with dye concentrate of *Butea Monosperma* flowers with gum extracted from waste mango kernel and cassia tora seeds on cotton fabric. *International Journal of Science and Research*, 4, 357-360.
- Batham, M. (2014). *Bagru*, the traditional hand printed textile of Jaipur. *International Journal of Scientific Research*, 3, 280-281.
- Hobbins, K. (2007). The art of Indian block print fabric. Pp 1. <https://www.fibre2fashion.com/industry-article/2816/the-art-of-indian-block-print-fabric>
- Iqbal, D. N., Nazir, A., Iqbal, M. and Yameen, M. (2020). Green synthesis and characterization of carboxymethyl guar gum: Application in textile printing technology. *Green Process Synthesis*, 9, 212-218.
- Karolia, A. (2019). *Traditional Indian handcrafted textiles*. Pp 136-200, Niyogi books, New Delhi.
- Meitei, O. B. and Ahemad, T. (2022). Communication and challenges of capacity development: A case study of *Bagru* hand blocks printing. *Textile*, 20, 311-321.
- Preetha, R. (2024). A Review on Hand Block Printing in India. *ShodhKosh Journal of Visual and Performing Arts*, 5, 315-330.
- Rahman, U. N. (2022). *Block printing in India*. Pp 1-9, Design academy Bangladesh press, Bangladesh.
- Sanjeeda, I. and Taiyaba, N. A. (2014). Natural dyes: Their sources and ecofriendly use as textile materials. *Journal of Environmental Research and Development*, 8, 683-688.
- Shwetambri and Verma, C. (2017). Printing of cotton and silk fabric with marigold flower dye and guar gum. *International Journal of Home Science*, 3, 511-517.
- Yogi, J. (2018). *A study on traditional Akola print of Rajasthan and developing a jacket design through it*. M.sc thesis, Maharana Pratap University of Agriculture and Technology, Udaipur, India. ■

India's per capita income to surpass \$5,000 by 2031, boosting consumption

India's income pyramid is undergoing a major shift. The share of upper-middle and rich households is projected to rise from 11.1 per cent in 2010 to nearly 24 per cent in 2035, implying that about one in four Indian households will have high discretionary spending capacity. Rising equities, real estate and gold are driving the wealth effect that is boosting confidence and purchasing power among affluent households.

This transformation in household economics is set to accelerate consumption growth over the next decade. As more families move into higher income brackets, demand is expected to shift decisively from essentials to lifestyle products, services and premium brands.

According to the report "Beyond Necessities: India's Affluence-Driven Growth" by Franklin Templeton, India's per capita income is projected to nearly double from \$1,360 in 2010 to \$5,242 by 2031, pushing the country into what analysts call an "affluence trigger zone".

"With per capita income surpassing \$2,600 in FY25 and projected to reach \$5,000 by 2030, the share of non-essentials in consumption is expected to rise from 36 per cent to 43 per cent of the overall consumption mix, propelled by premiumisation and the expansion of the middle class," the report notes.

A long-term behavioural shift supports this outlook. The report notes that discretionary spending has increased from 15 per cent in the 1950s to 36 per cent currently and is expected to rise to 43 per cent by FY30.

Premium categories are expanding two-three times faster than mass-market goods. Premium detergent is growing at 26 per cent CAGR versus 7 per cent for standard variants, while green tea consumption is rising 25 per cent versus 10 per cent for regular tea. A sign that consumers are prioritising quality and brand experience.

The top 20 per cent of households contribute about 85 per cent of overall savings, further reinforcing the spending power of the affluent.

With consumption already contributing nearly 60 per cent of GDP, the report expects spending by affluent households to be the key engine of economic expansion in the coming decade.

"The convergence of rising affluence, urbanisation and digital access is setting the stage for a structural uplift in discretionary spending, positioning India as one of the most promising consumer markets globally over the coming decade."

As income rises and financial access widens, the report concludes that India's growth trajectory is shifting from necessity-led to aspiration-led demand, a transformation powered by an expanding base of affluent consumers. ■

OPTIMIZATION OF ENZYME PRETREATMENT FOR NATURAL DYEING WITH LITCHI LEAVES

Sangeeta Deo and Smriti Rekha Sarkar,

Professor, College of Community Science, RPCAU, Pusa (Samastipur)

Abstract

Due to environmental awareness and consciousness, focus of interest for finishing of textiles shifted to enzymatic treatment. So when enzymatic degumming is carried out for natural dyeing the process becomes eco-friendlier. Enzymatic pretreatment conditions were standardized for dyeing with natural dye from litchi leaves. Optimum conditions for enzymatic pretreatment were found to be 0.3 percent concentration, 45-degree centigrade temperature and 30 minutes of time. Enzyme Papain was found to be most compatible with litchi leaves natural dye for tassar silk as it showed maximum dye uptake. Improvement in colourfastness to washing and light was found in all the enzyme pretreatment samples dyed with natural dye from litchi leaves.

Key words washing fastness, light fastness, enzymes, natural dye, pre- treatment.

INTRODUCTION

Natural colours have been used to dye textiles since ancient times. The introduction of synthetic dyes in 1856 had an impact on the market for natural colours since synthetic dyes were less expensive and more reproducible. However, because of rising concerns about environmental issues combined with the toxicity of synthetic dyes, researchers are looking for cheaper, easier colorant extraction technologies from natural resources.

Enzymatic treatment has recently gained popularity as a finishing method for textiles due to its fabric softness, good performance, and fashionable looks, as well as its ability to streamline the manufacturing process.

Enzymes are now an essential element of silk finishing. It is just the extraction of sericin from raw silk. It is referred to as enzymatic degumming. This entails degrading sericin using an enzyme that does not destroy fibroin. There is a lot of research being done on the enzymatic treatment of cotton and wool to improve softness and surface appearance for dyeing methods. There are, however, few findings on enzymatic preparation of natural colouring on tassar silk.

Because of rising regulations surrounding environmental concerns regarding quality characteristics, the usage of enzymes was deemed to be the best choice in wet textile processing sectors.

Natural dyeing is an environmentally benign procedure in and of itself, but when enzymes are employed as a pre-treatment, the process becomes even more eco-friendly.

So the primary goal of this research is to use enzymes to improve dye absorption for natural dyes found in and around Pusa.

Objectives of study

1. To improve the dye uptake through enzyme pretreatment using different enzymes for litchi leaves natural dye.
2. To optimize the conditions of enzyme pretreatment.
3. To study the effect of enzymes on fastness properties of litchi leaves dye.

MATERIALS AND METHODS

Selection of fabric

Fabric of Tassar silk selected for the present study was procured from khadi Gramudyog Pusa. The weave, fabric count, weight and thickness was determined which were given in Table1.

Table 1: Specification of Tassar silk

Weave of fabric	Fabric Count		Weight g/m ²	Thickness (mm) at 0.15 g/mm ² pressure
	Warps/S _q inch	Weft/S _q inch		
Plain	56	46	26	0.54

Preparation of fabric for pretreatment

Before enzymatic degumming pre-wetting was carried out using 1% sodium carbonate for 10 minutes at 50°C at PH 8-9 with material to liquor ratio of 1:20. Deactivation of enzyme was done by treating the material with sodium acetate solution.

Collection and extraction of dye material

Leaves of litchi collected after harvesting of litchi, were chopped into small pieces, dried and ground to powder. The botanical name of litchi is litchi chinensis.

Weighed 5g of the powder of litchi leaves soaked overnight were boiled in 100 ml distilled water for one hour at 60 degrees centigrade for extraction of dye.

Optimization of enzymes pretreatment conditions

In this research work different source of proteolytic enzyme like Papain, Pepsin, Protease,

OPTIMIZATION OF ENZYME PRETREATMENT FOR NATURAL DYEING WITH LITCHI LEAVES

Trypsin and Pectinase were applied on Taser silk fabric as an alternative eco-friendly degumming agent. For optimization of different conditions of pretreatment with enzymes, silk samples were treated with enzyme at different concentrations, temperature and time of pretreatment with enzymes.

To optimize the condition of pretreatment with enzyme and to select the enzyme for natural dye litchi leaves dye absorbance was measured before and after dyeing with litchi leaves enzyme pretreated samples. To see the dye uptake, the sample were dyed with most appropriate enzyme at optimized conditions of pretreatment.

Compatibility of enzyme with litchi leaves dye

In order to select the most appropriate enzyme for litchi leaves natural dye the dye uptake was evaluated with five different enzymes.

Evaluation for colour fastness of enzyme pretreated natural dyed sample

Fastness is the resistance of a textile material to specific chemical agencies. Poor color fastness in textile products is a major source of customer complaint, so dye to qualify for apparel use, it has to be color fast. So dyed samples were evaluated for colour fastness to washing and light. The colour fastness to washing was done according to IS: 3361-1979 and to sunlight according to IS:/ 686-1985 test methods.

RESULTS AND DISCUSSIONS

1. Gum loss with and without enzyme

The efficiency of degumming process in terms of gum loss with enzyme pretreatments and conventional soap washing method were presented in Table 2

Table 2: Efficiency of degumming process in terms of gum loss with enzyme pretreatments

Sample (Enzyme)	Concentration (percentage)	Weight before treatment (mg)	Weight after treatment (mg)	Percentage gum loss
Papain	0.3	0.914	0.630	31.07
Pepsin	0.3	0.960	0.760	20.83
Protease	0.3	0.926	0.773	16.52
Trypsin	0.3	0.843	0.699	17.08
Pectinase	0.3	0.869	0.721	17.08
Conventional Soap washing	1.0	0.864	0.740	13.80

Table 2 showed better gum loss of 16.52 to 31.07 percent for different enzymes pretreatment when

compared to 13.80 percent in soap degumming and thus better dye uptake was recorded in enzymatic pre-treated sample. Maximum percentage of gum loss i.e. 31.07 percent was observed in Papain treated samples followed by Pepsin at 20.83, Trypsin and Pectinase as 17.08 percent, Protease as 16.52 percent respectively.

2. Selection of optimum conditions of enzyme pretreatment

2.1 Selection of optimum concentration of enzyme pretreatment.

Percentage dye uptake with different enzyme pretreatment dyed with litchi leaves natural dye were given in Table 3.

Table 3 : Selection of optimum concentration with different enzymes on Litchi Leaves

Concentration (%)	Percentage dye uptake with different enzymes				
	Papain	Pepsin	Protease	Trypsin	Pectinase
0.1	40.0	55.0	40.0	45.0	40.0
0.2	48.5	50.3	40.5	50.0	45.0
0.3	60.5	50.0	40.5	50.0	50.0
0.4	55.0	50.0	40.0	50.0	50.0

Table 3 showed that 60.5% dye uptake was recorded at 0.3% concentration of pretreatment with enzyme Papain after that further increase in enzyme concentration showed slight decline in dye uptake. With Protease enzyme it was 40.0 percent at 0.4 percent concentration of enzyme.

Maximum dye uptake was recorded at 0.3 percent concentration of enzyme pretreatment with enzyme, Papain Pepsin, Protease, Trypsin and Pectinase so it was found that 0.3 percent enzyme concentration was optimum for litchi dyed samples.

2.2 Selection of optimum temperature of enzyme pretreatment

Percentage dye uptake with different enzyme pretreatment dyed with litchi leaves natural dye at different temperatures were given in Table 4

Table 4 : Selection of optimum temperature for enzyme pre-treatment with different enzymes on litchi leaves

Temperature (°c)	Percentage dye uptake with different enzymes				
	Papain	Pepsin	Protease	Trypsin	Pectinase
30	55.0	40.0	40.0	50.0	40.0
45	60.0	55.2	45.5	50.0	40.0
60	50.0	50.0	45.1	55.0	40.0
75	50.0	50.0	45.0	60.0	40.0

It has been observed from Table 4 that maximum percentage of dye uptake i.e. 60 percent was

recorded at 45-degree centigrade temperature in case of Papain pretreated sample, 55.2 percent in case of Pepsin, 45.5 percent with Protease enzyme and 40.0 percent in case of Pectinase enzyme. Maximum dye uptake, i.e. 60.0 percent was found in case of Trypsin pretreated enzyme at 75-degree centigrade temperature. Optimum temperature for enzyme pretreatment was found to be 45 degrees centigrade as most of the enzymes showed maximum dyeuptakeat 45 degrees'centigrade temperature.

2.3 Selection of optimum time of enzyme pretreatment

Percentage dye uptake with different enzyme pretreatment dyed with litchi leaves natural dye at different times of treatment were given in Table 5

Table 5 : Selection of optimum time for enzyme pretreatment with different enzymes on litchi leaves

Time (Minutes)	Percentage dye uptake with different enzyme				
	Papain	Pepsin	Protease	Trypsin	Pectinase
10	55.0	45.0	40.0	50.0	40.0
20	60.0	55.3	45.0	50.0	40.0
30	65.0	50.0	45.0	60.5	45.0
40	60.0	50.0	45.0	60.0	45.0

It has been seen in Table 5 that maximum 40.0 percent dye uptake was observed at 10 minutes of pretreatment time with enzyme Protease and Pectinase pretreated litchi dye sample followed by 60.5 and 65.0 percent dye uptake with Trypsin and Papain enzyme pretreated samples at 30 minutes of enzyme pretreatment time. As maximum dye uptake i.e. 65.0 percent was found at 30 minutes of pretreatment time in case of Papain sample, 30 minutes of enzyme pretreatment time was found to be optimum.

3. Enzyme compatibility for litchi leaves natural dye

In order to select the most appropriate enzyme for natural dye litchi leaves, dye uptake was evaluated with five different enzymes.

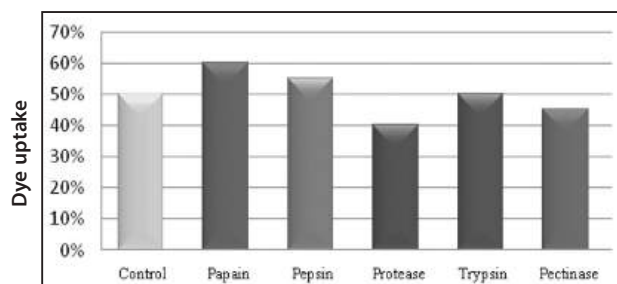


Fig 1: Dye enzyme compatibility for litchi leave natural dye

From the results (fig.1) it can be inferred that enzyme Papain gave best results for litchi leaves

natural dye with dye uptake of 60 percent followed by Pepsin 55 percent and Trypsin 50 percent respectively. The dye uptake was lowest in case of Protease enzyme. Enzyme Papain was found to be compatible with litchi leave natural dye as it showed the maximum dye uptake.

4. Colour fastness to washing and light

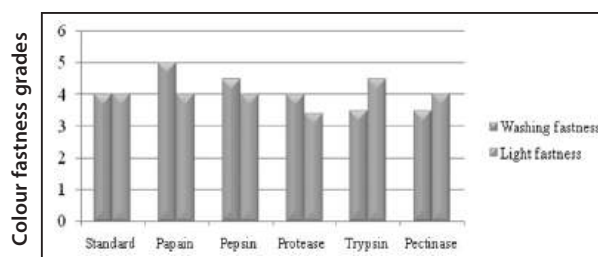


Fig 2 : Effect of enzymes on colour fastness towards washing and light

Litchi leaves dyed sample with Papain enzyme showed the maximum colour fastness to washing, i.e. excellent (5) and very good (4.5) fastness to light as against the standards (without enzyme) which was 4.0. There was definite improvement in colour fastness to washing and light with enzyme pretreatment dyed with litchi leaves natural dye as all the enzymes treated natural dye tassar silk samples showed increase in fastness rank over the standard samples. Marked improvement in wash fastness and lightfastness was reported by P.S Vankar(3).

CONCLUSION

Papain enzyme can be used for degumming of tassar silk and dyeing with litchi leaves natural dye. It can be eco-friendly as enzymes work under mild conditions and do not cause harmful chemical effluent problem. Tassarsilk pretreatment with Papain enzyme dyed with litchi leaves showed very good to excellent washing and light fastness. So the process can be used by handloom weavers for export potential.

REFERENCES

A.Dashi and A. Karollia, 2016, Optimization of enzyme treatments for banana fibreInternational journal of textile and fashion technology 6(2), 1-8
 P.S Vankar, D Shukla and S. Wejayapala, 2017 "Innovative silk dyeing using enzyme and rubiacordiafolia extract at room temperature" Pigment and resin technology 46(4)
 P.S Vankar and, R. Shanker, 2008" Ecofriendly ultrasonic natural dyeing of cotton fabric with enzyme pretreatment" Desalination, 230(1-3), 62-69. ■

INFLUENCE OF INSTAGRAM ON CLOTHING INTEREST AND SHOPPING BEHAVIOUR

Prof. Radha Kashyap

Director, School of Design, IIS (deemed to be University), Jaipur

Abstract

This study explores the growing impact of Instagram on consumers' interest in clothing and their overall shopping behavior, both in online and offline contexts. With its highly visual nature, Instagram has emerged as a key platform for fashion inspiration, brand discovery, and trend promotion. The research investigates how visual content such as product images, reels, and styling posts, along with the role of influencers and targeted advertisements, shape consumer fashion interest, purchase decisions, and shopping frequency. A survey-based quantitative method was employed, involving 150 respondents in the age group of 18–35 years, who represent the most active demographic on the platform. The findings suggest a strong correlation between Instagram engagement and heightened enthusiasm for fashion, often leading to spontaneous and frequent online purchases. Interestingly, the study also reveals that Instagram not only drives digital consumption but also significantly influences offline shopping behavior, as users seek to replicate trends encountered online.

Key words: *Instagram, Clothing Interest, Shopping Behavior, Influencers, Visual Content, Consumer Engagement*

Introduction

In the digital era, social media has fundamentally transformed how individuals interact, consume information, and make purchasing decisions. Among various platforms, Instagram has gained immense popularity due to its emphasis on visual content, which appeals to aesthetics-driven domains such as fashion and lifestyle. With over two billion active users globally, Instagram has evolved into a powerful marketing and branding tool, particularly for clothing and apparel industries. The platform enables brands to showcase new collections, collaborate with influencers, and directly engage with consumers through stories, reels, and shoppable posts.

Clothing is no longer just a basic necessity—it is an expression of identity, culture, and personal style. Consumers today are highly visual and interactive, often looking to social media to guide their fashion choices. Instagram influences what people wear by showing popular styles through posts, hashtags, influencers, and easy ways to discover new trends. It offers users the ability to

follow fashion influencers, discover brands, explore outfit inspirations, and purchase directly all within the same app environment.

This study explores how Instagram affects the interest in clothing and how it influences both online and offline shopping behaviour. The research aims to provide insights into how consumers are influenced by what they see on Instagram, whether that leads to purchasing clothes online, seeking those items in physical stores, or simply becoming more fashion-conscious. By understanding these dynamics, marketers and retailers can develop more targeted and effective strategies.

Rationale of the Study

Social media platforms, particularly Instagram, have become essential tools in the retail fashion industry. Brands invest heavily in social media marketing, knowing that visual appeal drives engagement and conversions. However, while Instagram's importance in branding and marketing is widely recognized, there remains a need for deeper understanding of how it specifically influences consumer behaviour in the clothing sector. This research seeks to bridge that gap by examining how exposure to fashion-related content on Instagram such as influencer posts, brand campaigns, and user-generated content inspires greater interest in clothing, and whether that translates into purchases or brand engagement.

Furthermore, this study is particularly relevant in the post-pandemic context, where the balance between e-commerce and physical shopping has shifted. Understanding how Instagram influences consumer choices in both environments will help brands optimize their omnichannel strategies and better connect with fashion-conscious audiences.

The main objectives of the study are

1. To assess how Instagram influences users' interest in clothing.
2. To analyze the impact of Instagram on online clothing shopping behavior.
3. To examine how Instagram affects offline shopping decisions.
4. To explore the role of influencers, visual content, and advertisements in shaping fashion preferences.

Literature Review

The integration of fashion and social media has revolutionized consumer behavior in the clothing

industry. According to Solomon (2018), fashion is a symbolic consumption domain, heavily influenced by visual cues and peer perceptions. Instagram enhances this symbolic nature by allowing users to present idealized versions of themselves and follow aspirational figures, such as fashion influencers and celebrities.

Social media platforms facilitate consumer interaction, product discovery, and brand engagement. According to Kaplan and Haenlein (2010), social media enables a participatory culture where users not only consume but also create content, leading to a more interactive and immersive experience.

Instagram's reliance on visual storytelling makes it an ideal platform for fashion marketing. Influencers play a pivotal role in shaping users' perceptions of style. Djafarova and Trofimenko (2019) highlight that micro and macro-influencers often serve as relatable figures whose fashion choices are perceived as authentic and aspirational. These influencers bridge the gap between high fashion and the average consumer by modelling wearable styles in everyday contexts.

The "Instagram Aesthetic"—clean, curated, and visually cohesive content—further contributes to consumer behaviour. The visual appeal of clothing posts, combined with endorsements from influencers and peers, significantly influences users' desire to replicate those looks, often leading to increased interest in fashion and new clothing purchases.

Instagram facilitates a unique blend of discovery and commerce. According to Phua et al. (2020), features such as "swipe up," product tagging, and embedded links streamline the process from interest to purchase. This seamless integration encourages impulse buying, particularly among younger audiences who value convenience and visual appeal. Offline shopping is not immune to Instagram's influence. Jin and Ryu (2020) found that users often browse clothing items on Instagram, screenshot desired outfits, and then seek those pieces in physical stores. Instagram acts as a virtual catalogue, influencing store visits and purchasing decisions even when transactions occur offline.

Research Methodology

Research Design: This study uses a quantitative descriptive research design to understand the relationship between Instagram usage and consumer behaviour related to clothing interest

and shopping. The quantitative approach allows for systematic data collection and statistical analysis to identify patterns and correlations in behaviour.

Locale: Participants were selected from urban and semi-urban areas of Jaipur, where social media penetration is significantly high, thereby increasing the likelihood of frequent Instagram use and exposure to digital fashion content.

Sample Size: The study included 150 respondents. The sample comprised both male and female participants to ensure gender inclusivity and to identify any gender-specific patterns in fashion engagement and shopping behaviour.

Sampling: A purposive sampling technique was employed to identify and select individuals who are regular Instagram users and exhibit a specific interest in fashion content. This non-probability sampling method was appropriate for this study because it ensured the inclusion of respondents most relevant to the research objectives.

Data Collection Instrument: Data were collected using a structured online questionnaire, which was designed and distributed through Google Forms. The questionnaire was self-administered and required approximately 8–10 minutes to complete. It was carefully developed to align with the research objectives and consisted of four comprehensive sections:

- ▶ **Demographics** – This section gathered basic background information such as age, gender, occupation, of the respondents.
- ▶ **Instagram Usage Patterns** – This section explored how much time respondents spent on Instagram, the frequency of their usage, and their interaction with fashion-related content (e.g., likes, comments, follows).
- ▶ **Clothing Interest Metrics** – This section assessed participants' attitudes and interests in fashion, including brand preferences, style awareness, and the influence of social media trends.
- ▶ **Shopping Behaviour (Online and Offline)** – This section examined participants' purchasing patterns, preferred platforms (e.g., Instagram shops, brand websites, physical stores), and how social media influences their buying decisions.

The survey utilized a 5-point Likert scale, ranging from "Strongly Disagree" (1) to "Strongly Agree" (5), for attitudinal and behavioural questions. This

INFLUENCE OF INSTAGRAM ON CLOTHING INTEREST AND SHOPPING BEHAVIOUR

scale was selected for its reliability in measuring subjective opinions and its widespread use in social science research. In addition to Likert-scale items, the questionnaire included closed-ended questions for demographic data and matrix-scale questions for assessing behaviour and preferences across different scenarios. These formats were chosen to ensure consistency, ease of response, and facilitated quantitative analysis using statistical software.

Data Analysis: The collected responses were analyzed using Microsoft Excel, where descriptive statistics such as frequency, percentage, and mean were systematically applied to summarize, interpret, and present the data.

Limitations

The study is limited to Instagram and does not consider other social platforms like TikTok or Pinterest.

The sample is limited to users aged 18–35, excluding older age groups.

Results & Discussion

Table 1 Respondents' Profile

Description	Details	Frequency	Percentage
Age Range	18–24	90	60%
	25–30	37	25%
	31–35	22	15%
Gender	Female	87	58%
	Male	63	42%
Occupation	Students	75	50%
	Professionals	52	35%
	Others	22	15%
Time Spent on Instagram	1–3 hrs/day	105	70%
	>3 hrs/day	30	20%
	<1 hr/day	15	10%

The respondent group represents a diverse yet youth-centric demographic. The majority fall within the 18–24 age range (60%), indicating a predominantly young audience. This is followed by 25–30 years (25%) and a smaller portion of 31–35 years (15%), reflecting a tapering engagement among older participants.

In terms of gender, females constitute a slightly higher percentage (58%) compared to males (42%), suggesting a balanced but female-leaning sample distribution.

Regarding occupation, students make up half of the sample (50%), emphasizing a strong

representation of individuals likely in academic or early-career phases. Professionals account for 35%, showing significant input from working individuals, while 15% fall under 'Others', potentially including freelancers, homemakers, or those currently not employed.

As for Instagram usage, a significant 70% of respondents spend 1–3 hours daily on the platform, indicating moderate but consistent engagement. 20% are heavy users, spending more than 3 hours per day, while only 10% spend less than an hour, suggesting that most respondents are regular and active Instagram users.

Table 2: Interest in Clothing After Using Instagram

Statement	Agree (%)	Neutral (%)	Disagree (%)
Instagram increased my interest in fashion.	78%	15%	7%
I follow fashion influencers for clothing ideas.	84%	10%	6%
Instagram content influences my clothing preferences.	81%	13%	6%

A large majority of respondents agreed that Instagram increased their interest in fashion (78%), with 84% following fashion influencers specifically for outfit ideas. Furthermore, 81% stated that Instagram content directly influences their clothing preferences. This shows a strong link between exposure to fashion content on Instagram and increased awareness, interest, and engagement with clothing and style trends.

Table 3: Impact on Online Shopping

Statement	Agree (%)	Neutral (%)	Disagree (%)
I buy clothes online after seeing them on Instagram.	68%	20%	12%
I have clicked on sponsored fashion ads and purchased items.	62%	18%	20%
Instagram helps me discover online clothing brands.	75%	17%	8%

Regarding the impact on online shopping, 68% of participants agreed that they have purchased clothing items online after seeing them on Instagram. Additionally, 62% admitted to clicking on sponsored fashion ads and making purchases, while 75% discovered new clothing brands through Instagram. These responses suggest that Instagram serves as both a discovery and decision-

INFLUENCE OF INSTAGRAM ON CLOTHING INTEREST AND SHOPPING BEHAVIOUR

making platform, seamlessly connecting interest to purchase in an online environment.

Table 4: Influence on Offline Shopping

Statement	Agree (%)	Neutral (%)	Disagree (%)
I search for outfits on Instagram before going to stores.	66%	22%	12%
Instagram posts influence what I look for in malls or boutiques.	71%	18%	11%
I take screenshots from Instagram to shop offline.	64%	20%	16%

Instagram also plays a significant role in offline shopping behaviour. 66% of respondents search for outfit ideas on Instagram before visiting stores, and 71% say Instagram posts influence what they look for while shopping in malls or boutiques. Notably, 64% take screenshots of Instagram posts to guide them in-store purchases. This indicates that Instagram acts as a visual shopping assistant, shaping consumer expectations and purchase plans in physical retail spaces.

The results of the study confirm that Instagram is a key driver of interest in clothing and a powerful influencer of consumer behaviour in both online and offline retail environments. Instagram's highly visual format plays a pivotal role in capturing user interest. The ability to scroll through curated, styled outfits posted by influencers, brands, or peers makes fashion more accessible and aspirational. This constant exposure builds style consciousness and encourages consumers to stay updated with the latest fashion trends.

Influencers act as fashion role models, bridging the gap between high-end fashion and everyday style. With 84% of respondents following fashion influencers for ideas, it is clear that influencer marketing is more than a promotional strategy. It is a form of personalized fashion curation that significantly sways purchase decisions.

Instagram's integration of e-commerce functionalities such as product tagging, shop features, and sponsored posts; converts passive interest into active purchase. The survey shows that **more than two-thirds** of users have made purchases based on Instagram content. Users discover new brands and products with ease, leading to both planned and impulse buying behaviour.

Interestingly, Instagram's influence extends beyond the digital realm. Consumers use Instagram as a virtual catalogue, seeking products they've seen online in physical stores. This **"online inspiration to offline action"** behaviour reveals a hybrid

consumer journey, where digital content informs and guides physical purchase decisions. This trend is particularly relevant for fashion retailers looking to bridge the online-offline divide.

The data suggests that Instagram impacts both **impulse purchases** (especially via ads and influencer promotions) and **intentional, planned shopping** (e.g., taking screenshots before store visits). This dual impact makes Instagram a uniquely potent platform for driving both short-term sales and long-term brand affinity.

Conclusion: This research confirms that **Instagram significantly influences clothing interest and shopping behaviour among young consumers aged 18–35**. The platform's visual appeal, influencer ecosystem, and integrated shopping features stimulate fashion interest, encourage online purchases, and guide offline shopping decisions. Hence it is concluded that Instagram increases user interest in fashion by offering constant visual exposure to stylish and trendy outfits. Instagram acts as a bridge between inspiration and transaction in online shopping. Offline shopping is equally influenced, with users often relying on Instagram as a visual guide before entering stores. The platform fosters both impulsive and intentional buying behaviour, making it a versatile tool for fashion marketers.

Given these findings, fashion brands, marketers, and retailers must prioritize Instagram as part of their marketing strategy. Engaging content, influencer collaborations, and integrated e-commerce experiences are essential to capturing the attention and spending power of today's visually-driven consumers.

References

- » Djafarova, E., & Trofimenko, O. (2019). 'Instafamous' – credibility and self-presentation of micro-celebrities on social media. *Information, Communication & Society*, 22(10), 1432-1446. <https://doi.org/10.1080/1369118X.2018.1438491>
- » Jin, S. V., & Ryu, E. (2020). "I'll buy what she's #wearing": The roles of envy toward and parasocial interaction with influencers in Instagram celebrity-based brand endorsement and social commerce. *Journal of Retailing and Consumer Services*, 55, 102121. <https://doi.org/10.1016/j.jretconser.2020.102121>
- » Kaplan, A. M., & Haenlein, M. (2010). Users of the world, unite! The challenges and opportunities of Social Media. *Business Horizons*, 53(1), 59-68. <https://doi.org/10.1016/j.bushor.2009.09.003>
- » Phua, J., Jin, S. V., & Kim, J. J. (2020). The roles of celebrity endorsers and consumers' gender in Instagram advertising effectiveness. *International Journal of Advertising*, 39(3), 384-411. <https://doi.org/10.1080/02650487.2019.1678328>. ■

EXPORT PROSPECTS AND MARKETS

Textile exporters witnessed up to 50% drop in US business : Survey

India's textile and clothing exporters have witnessed up to 50% drop in their US business due to the imposition of 50% duties by the Trump administration from August 27 with inventories piling up and orders getting delayed, according to an industry-wide survey.

The Confederation of Indian Textile Industry (CITI) said around one-third of the respondents in the survey have reported that the turnover of their US business has reduced by more than 50%. Around 85% of them have reported inventory build-up due to reduction in orders.

About two-third of the respondents to the survey have said that they had to offer discounts to the tune of 25% to remain competitive.

Apart from demand for discounts and falling orders, around 82% of the exporters are also experiencing an extended credit cycle across the supply chain as a result of the recent impact.

"Among them, over half indicated that the credit period has increased by 3 to 6 months, reflecting a substantial strain on liquidity," a statement by CITI said.

Additionally, around 40% of respondents reported a rise in working capital requirements by more than 30%, further highlighting the growing financial stress within the sector.

The US is the single-biggest market for India's textile and apparel, accounting for 28% of the total exports.

In the last financial year, the exports by the sector to the US stood at \$11 billion.

To tide over the stress, the respondents have requested a moratorium on repayment of loans and collateral-free loans.

The CITI has sought support for export diversification and market development initiatives, increasing the rates of tax refund under the Remission of Duties and Taxes on Exported Products (RoDTEP) and Rebate of State and Central Taxes and Levies (RoSCTL) schemes. Other demands of the organisation include interest subvention and other financial relief measures to ease liquidity constraints, support in form of focus market incentive scheme for US-bound shipments and reduction of corporate income tax or granting tax holidays. □

Textile & Apparel exporters witnessed 50% fall in their turnover: Survey

Textile and apparel exporters have reported a fall of 50% in their turnover due to the 50% tariff imposed by the USA, showed a survey conducted by industry body Confederation of Indian Textile Industry (CITI).

The United States is the top export destination for India's Textile and Apparel (T&A) products accounting for about 28% of India's total T&A exports. The recent imposition of 25% additional ad valorem tariff and 25% penalty, adding to 50% additional tariff, has significantly undermined the competitiveness of Indian T&A exports to USA.

About one third of the respondents reported a reduction of about 50% in their turnover.

"The major factors contributing to this decline included requests for discounts by US buyers, cancellation or postponement of orders and reduction in order volumes," said CITI in a statement.

About 85% of the respondents have reported an inventory buildup due to the reduction in orders, while nearly two thirds of the respondents said that they have to offer discounts to the tune of 25% to remain competitive, the survey highlighted.

"More than 80% of respondents reported experiencing an extended credit cycle across the supply chain as a result of the recent impact.

Among them, over half indicated that the credit period has increased by 3 to 6 months, reflecting a substantial strain on liquidity.

Additionally, around 40% of respondents reported a rise in working capital requirements by more than 30%, further highlighting the growing financial stress within the sector," said CITI.

The industry has sought policy measures. CITI said that more than one half of the respondents have urged the government to announce a moratorium on repayment of existing loans, while 42% have recommended the introduction of collateral-free loans to help address the surge in working capital requirements.

The textile industry has also asked for enhancing the raw material competitiveness by removing import barriers such as quality control orders, import duties, and related restrictions.

Nearly half of the respondents have sought government support and facilitation to explore new destinations and opportunities. □

Textiles see tariff turmoil

Amid the 100 per cent tariff on China by the United States raising hopes for the Indian textile industry, a survey conducted by the Confederation of Indian Textile Industry (CITI) found that about one-third turnover has been reduced by over 50 per cent due to the current tariffs on India. Bangladesh, Vietnam, and Indonesia have an advantage on the tariff front.

Impact on turnover

According to the respondents, buyers in US are asking for up to 30 per cent discounts, while 25 per cent of orders are getting cancelled or postponed, and the industry is witnessing a 20 per cent reduction in volumes too.

Here are the results

- ▶ 36% Over 50 per cent impact on turnover
- ▶ 28% 25-50 per cent
- ▶ 28% 10-25 per cent
- ▶ 8% Less than 10%

Discounts and credit cycle woes

Around two-third of the respondents have to offer a discount to their buyers. About 85 per cent of the respondents have reported an inventory buildup due to the reduction in orders

- ▶ 62% Offering discounts to the US buyers, while remaining 38 per cent are not
- ▶ 82% Experiencing extended credit cycle across supply chain. Among them, over half indicated that the credit period has increased by 3 to 6 months, reflecting a substantial strain on liquidity
- ▶ 40% Respondents who reported a rise in working capital requirements by more than 30 per cent. □

Jewellery, garments marine goods hit by the US duties in Aug

As the 25 per cent US tariffs on Indian goods kicked in on August 7, the country's labour-intensive exports, such as gems & jewellery, garments, and marine products, took the maximum hit, according to disaggregated data released by the commerce department. During the month, shipments of pearls, precious and semi-precious stones declined 54.2 per cent year-on-year, followed by marine products (-33 per cent), gold and other precious metal jewellery (-18.6 per cent), ready-made garments (-13.2 per cent), cotton fabrics

and made-ups (-10.1 per cent), drug formulations (-7 per cent), and auto components (-6.6 per cent).

The US accounts for 34 per cent of India's ready-made garments exports and 39 per cent of cotton fabrics shipments. Exports of precious stones and gold jewellery contribute 37 per cent and 28 per cent to total shipments, respectively, while marine products (36 per cent), drug formulations (40 per cent), and auto components (22 per cent) also form significant shares of India's shipments.

The additional 25 per cent US tariff on Indian goods, which was imposed in response to New Delhi's purchase of Russian oil, came into effect on August 27, raising the cumulative duty on Indian exports to 50 per cent. The commerce department will recently release trade data for September than may reflect the full impact of the 50 per cent tariff on Indian exports.

In August, India's total shipments to the US remained positive at 7.15 per cent, down from 27.9 per cent in July. The growth was driven by sectors like telecom instruments (140.1 per cent), including iPhone exports, petroleum products (67 per cent), electronic components (64 per cent), electric machinery and equipment (31.1 per cent), and machinery for dairy (13.1 per cent).

The US is India's largest export destination, contributing about a fifth of India's total shipments. Notwithstanding India's efforts to diversify its merchandise exports, the country's dependence on the US for its outbound shipments has increased over the past 14 years.

The share of the US in India's total exports continuously declined from a high of 21.7 per cent in 1998-99 to a low of 10.1 per cent in 2010-11, according to commerce department data.

Most of the major economies have concluded trade deals with the US. India, on the other hand, has accelerated efforts to seal a bilateral trade deal by fall of this year. A team of officials led by Commerce Secretary Rajesh Agrawal is set to travel to Washington recently. The visit follows a recent phone call between Prime Minister Narendra Modi and US President Donald Trump, as well as the Washington's India Ambassador-designate Sergio Goro's New Delhi visit. □

Tariff effect: Exports to US dip in Sept; textile, leather goods, gems & jewellery shipments decline

The impact of the additional tariff imposed by the US is evident in India's export numbers for September.

EXPORT PROSPECTS AND MARKETS

The share of exports to the US was down to 15 per cent in September from 20 per cent in the April-August period. But the share of China and the UAE in total exports increased in the same period. Export of textiles and leather goods declined, while other sectors recorded lower growth.

Textiles and Gems hit

According to a Global Trade Research Initiative (GTRI) report, "September was the first full month when Indian goods faced Washington's 50 per cent tariff on most products, with sectors such as textiles, gems and jewellery suffering the heaviest losses."

In September, readymade garments exports declined 10.1 per cent y-o-y compared to 5.8 per cent y-o-y growth in the April-August period. Exports of cotton yarn and fabrics, too, fell 11.7 per cent in September, while gems and jewellery shipments collapsed to 0.4 per cent.

Electronic goods bucked the trend, with growth accelerating to 50.5 per cent, due to higher smartphone shipments from India.

Exports to the US declined 12 per cent in September as higher tariffs dented demand. But exporters appear to have shifted to other markets, particularly China and the UAE. Exports to China increased 34 per cent in September, while shipments to the UAE grew 24 per cent.

Spain and Bangladesh are the other destinations to record higher growth in exports from India. □

Readymade garment exports decline 2.6% y-o-y in August on global headwinds

Readymade garment (RMG) exports from India in August decreased 2.6 per cent compared to August 2024, but increased 9 per cent compared to August 2023.

RMG exports for the period April-August 2025 totalled \$6.7 billion, a growth of 5.8 per cent over April-August 2024 and a jump of 13.3 per cent over April-August 2023, according to data from the Apparel Exporters Promotion Council.

There was a marginal increase in the exports in August (\$1.23 billion) compared with July's value at \$1.38 billion. In August, there was a rush to export as much goods as possible before the revised US

tariff was implemented, but the real impact will be known in September, said an official with a garment exporter in Tiruppur. Mithileshwar Thakur, Secretary General, AEPC, said India's RMG exports in 2025 reflect the resilience and adaptability of the Indian apparel industry amid global headwinds. While the sector continues to face challenges, such as fluctuating demand in key markets, rising input costs and geopolitical disruptions, Indian exporters have shown commendable agility in catering to diversified markets and value-added product segments, he added.

Import demand

On import demand and trend in the US, the largest apparel market, Thakur said that in Q1 2025, imports of apparels into the US from China fell sharply to \$2.39 billion, down 36.5 per cent from \$3.76 billion in Q1 2024.

However, India's RMG exports to the US continued to show resilience by registering growth of 11 per cent till June in the current fiscal.

With tariffs on Indian textiles higher than its competing countries such as Bangladesh, Cambodia and Indonesia/Malaysia, Indian exporters are offering discounts to retain US buyers and cover fixed costs, absorbing short-term losses while hoping that future negotiations ease the 50 per cent tariff pressure and prevent buyers from moving to other competing countries facing lower reciprocal tariff in the US market.

Market share

However, if the existing reciprocal tariff levels persist, exporters may not be able to continue offering discounts in the long term, which could ultimately lead to the Indian apparel industry losing market share in the US, he said. □

3% interest subsidy to MSME exporters offered in new scheme

The Government will soon unveil a revamped interest subvention scheme for exporters, under which it may extend a 3% interest subsidy to micro, small, and medium enterprises (MSMEs), instead of all exporters, sources told reporters. This will be a key element of the support package for exporters

"LOOKING FOR SPINNING SPARE PARTS & ACCESSORIES"

LOGIN TO : www.tmmmsa.com

in the wake of hefty tariffs on most Indian goods imposed by the US, the largest export market for the country.

“The Cabinet will soon take up the proposal to provide interest subvention to MSME exporters,” an official said. The scheme may run for the next five years. Labour-intensive and MSME-dominated sectors like textiles and garments, gems and jewellery, handicrafts, leather, footwear, furniture and toys are among the worst hit by the US tariffs. Working capital and fresh investments by the MSMEs in these sectors will be enabled by the interest subvention.

The earlier version of the Interest Equalisation Scheme (IES), referred to as an interest subvention scheme, provided a 3% interest subsidy to all exporters, including MSMEs. □

Goods Exports grew 6.7% in Sept, Trade Gap Widens

India’s merchandise exports rose 6.7% year-on-year in September to \$36.38 billion, reflecting continued resilience despite global headwinds. However, a sharper rise in imports pushed the trade deficit to a 13-month high of \$32.15 billion during the month.

Imports surged 16.7% to \$68.53 billion, driven by higher purchases of gold, silver, fertilisers and electronics.

India’s trade deficit was \$26.5 billion in August.

Commerce secretary Rajesh Agarwal said despite global economic turbulence and headwinds, India’s goods and services exports are performing well. He attributed the growth in shipments to the resilience of domestic industry, which has continued to support export momentum.

“They are maintaining their supply chains and business relations,” he said.

The impact of the US tariffs on exports will be evident in September and October, and the commerce ministry plans to assess commodity-wise data to understand the impact of the tariffs.

“We need to do a deep dive into the data to understand how commodities are faring after the US tariffs. About 45% of India’s exports to the US are outside the tariffs or have an MFN kind of status,” Agarwal noted, adding that he expects exports to the US to continue to grow.

The US in August raised tariffs on its imports from India to 50%, on par with Brazil.

In April-September FY26, exports increased 3.02% to \$220.12 billion and imports rose 4.53% to \$375.11 billion, data released by the commerce ministry showed of late.

The first half of the current fiscal has seen India’s merchandise trade deficit widen to nearly \$10 billion higher than the same period a year earlier.

“The imports have grown at a faster pace in September, driven by increase in gold, silver, fertilisers and electronics,” he said, adding that the surge in gold demand was ahead of the festival season.

However, cumulative gold import has been below last year, officials said.

Gold imports rose to \$9.6 billion in September, compared to \$5.4 billion in August, while oil imports stood at \$14 billion in September, up from \$13.2 billion in the previous month.

The rise in gold imports can be attributed to Diwali and a pick-up in rural spending.

As production and export of smartphones increase, some components have also seen higher surge, officials added.

FTA talks The proposed free trade agreement (FTA) between India and the EU is in the last leg of negotiations and “chances are talks may close by December,” Agarwal said.

“The talks are progressing well ... and we are hopeful it will be concluded soon. In the last leg the toughest things are decided as they are kept for the end. We saw real progress in the last round that took place and we are hopeful that our teams will iron out remaining differences and talks will conclude soon,” Agarwal said.

The 14th round of talks for the FTA took place in Brussels between October 6 and 10 with discussions covering 12 policy chapters across 91 technical sessions, with a focus on areas such as market access for goods, services and rules of origin.

He added that virtual engagement is ongoing between India and the EU while in-person interactions are expected in November.

“Some officials of the Indian team stayed back in Brussels to further talks and make progress on rules of origin. So, we haven’t scheduled another formal round of talks since engagement is ongoing,” he said.

The next round of talks for the FTA with New Zealand is likely to be held in November, while negotiations for the deal with Oman have concluded. ■

A world-class solution
provider at the forefront
of Innovation and
Dependability

ELGI Bobbin Transportation System



Running Successfully in
300+ Installations Across the Globe

- ▶ Customised Design Linking Speed-Frame to Ring-Frame
- ▶ Manual / Closed Loop / Automated System with Reserve Station / Fully Automated with Creel Change System
- ▶ Exchanger for Auto-Doffer Speed-Frame (Single / Twin)
- ▶ Effective Stripping of Roving through Blowing and Suction

OHTC | BTS | FPS | MDS | YCS

✉ vsbala@eeh.saraelgi.com ☎ 9842272511

ITAMMA highlighted on 'Packaging Aspects' during its 82nd AGM on 24th September 2025 at ITME Centre, Mumbai

24th Septe 25

Mr. N D Mhatre, Director General (Tech), ITAMMA in his opening remarks mentioned that the many of our members complain that their goods are rejected at their user end due to poor packaging. Also considering today's era of digitalization most of the automations involve electronic gadgets/attachments on the textile machines which have to be taken care in packaging during logistics. ITAMMA has always focused its activities depending on the need and the developing trends of the Textile Industry Globally. So during this AGM we will be focusing on importance of packaging and so we have invited Dr. Babu Rao Guduri, Additional Director, and Professor HOD, T & E and Laboratory Departments, Indian Institute of Packaging, Mumbai.

Also we will be hearing from the stalwart consultant Mr Avinash Mayekar, Managing Director, and Suvin Expo LLP on "Expectations from Indian Textile Engineering Industry to be prepared for 'Viksit Bharat 2047'".



Mr. N D Mhatre, Director General (Tech), ITAMMA delivering Opening Remarks

Mr. Omprakash Mantry, President, ITAMMA in his Welcome Speech said that The Indian textile machinery industry is a vital component of the nation's economy, comprising approximately 3,000 manufacturing units and a market size expected to reach USD 2.02 billion by 2033. The packaging aspects of the Indian textile engineering industry involve diverse materials like woven sacks, Flexible

Intermediate Bulk Containers (FIBCs), jute hessian, and synthetic bags, fulfilling needs for protection, storage, and transport of industrial and agricultural goods. Key trends driving innovation include a focus on sustainable and smart solutions, with the government encouraging the reduction of single-use plastics in favour of biodegradable and paper-based alternatives to reduce polymer dependence. Emerging opportunities lie in the development of innovative, eco-friendly packaging materials and smart packaging to meet growing consumer demand and support the broader Indian packaging sector's sustainable transition. Knowing that the Indian Institute of Packaging (IIP) a national apex body, set up in 1966 by the packaging and allied industries and the Ministry of Commerce, Government of India, with the specific objective of improving the packaging standards in the country, it will be beneficial to the stakeholders of the textile engineering industry in promotion of exports and create infrastructural facilities for overall packaging improvement in India.

We all are aware about India's vision for its textile industry by 2047 is to become a global powerhouse, achieving \$600 billion in textile exports and a domestic market of \$1.8 trillion, and so the presentations on the share of Textile Engineering Industry in this target and Expectations from this Industry in the contribution for 'Viksit Bharat 2047' will further enrich our knowledge in this aspect.



Mr. Omprakash Mantry, President, ITAMMA delivering Welcome Address

ITAMMA highlighted on 'Packaging Aspects' during its 82nd AGM on 24th September 2025 at ITME Centre, Mumbai

Release of 82nd Annual General Report

Mr. Avinash Mayekar, Managing Director, Suvin Expo LLP made presentations as Guest Speaker on "Expectations from Indian Textile Engineering Industry to be prepared for Vikasit Bharat 2047".



Release of 82nd Annual General Report

Vikasit Bharat – The key to success lies in the growth of individual sectors. India’s rise as a superpower will be possible only when the technology sector is the strongest and for textiles, this is the only way forward for maximising their share in the global market. We all know the success of yarn business and how the presence of Indian brand in spinning machinery as today seen all the reputed global spinning machinery brands having their manufacturing base in India the scenario can be replicated to all other segments of textiles if India truly wants to achieve the textile vision of Exports Target: US\$ 600 billion, Domestic Market: US\$ 1.8 Trillion & Technical Textiles Market: US\$ 309 Billion. In a nutshell, we need to strategize our way forward:

India’s Strategy for Vikasit Bharat

- ▶ Import Substitution: Target import reduction
- ▶ Initiate Auxiliary business for sectors having zero to nil production in India
- ▶ Collaboration: Build partnership for Technology Exchange and offer operational excellence.
- ▶ OEM Development: Partner with renowned international brands

- ▶ Supply Chain Improvisation: Raw material and crucial parts production base development
- ▶ Infrastructure Creation: Textile Parks, Cluster Development, Textile Engineering Park and R&D Centers, Center of excellence for technology development.

Technology to target

Manmade spinning	Open end spinning, Airjet spinning, Cone Winding, TFO Twisters
Weaving	High speed Rapiar Looms, High speed Airjet Looms , Waterjet Looms. Spares & Accessories
Knitting	Circular knitting, Warp knitting, Spares & Accessories
Processing	State-of-the-art Continuous bleaching & dyeing range, Knit processing range, Denim range , Spares & Accessories
Garmenting	Sewing Machines, Embroidery Machines, Robotics, Spares & Accessories
Technical Textiles	Converting Machines, Needle punched Technology, Spun bond Technology, Spun lace Technology, Spares & Accessories



Mr. Avinash Mayekar, Managing Director, Suvin Expo LLP made presentations as Guest Speaker on "Expectations from Indian Textile Engineering Industry to be prepared for ' Vikasit Bharat 2047

Dr. Babu Rao Guduri, Additional Director, and Professor HOD, T & E and Laboratory Departments, Indian Institute of Packaging, Mumbai in his Guest of Honour Speech gave detailed insight on activities of IIP along with some case studies justifying the importance of packaging especially while exporting the goods. He also informed on presently observed sustainable practices in this activity.

ITAMMA highlighted on 'Packaging Aspects' during its 82nd AGM on 24th September 2025 at ITME Centre, Mumbai



Dr. Babu Rao Guduri, Additional Director, and Professor HOD, T & E and Laboratory Departments, Indian Institute of Packaging, Mumbai delivering Guest of Honour Speech

ITAMMA also felicitated **Dr. Seema Srivastava**, Executive Director, India ITME Society, for completing the Doctorate Program in Management Studies successfully and being awarded Doctorate at A Grade by the Indian Institute of Business Management and Studies, during the AGM.



ITAMMA also felicitated Dr. Seema Srivastava, Executive Director, India ITME Society, for completing the Doctorate Program in Management Studies successfully and being awarded Doctorate at A Grade by the Indian Institute of Business Management and Studies

Mr. Vishal Masand, Hon' Treasurer (2025-26), ITAMMA thanked Guest of Honour and Guest Speaker for their valuable presentations, India ITME Society for offering the premises on complimentary basis, PRESS and the audience.



Mr. Vishal Masand, Hon Treasurer, ITAMMA delivering Vote of Thanks during Seminar



Mr. Omprakash Mantry, President, ITAMMA AND Mr. J H Shah, Trustee & Past President, ITAMMA offering Memento to Dr. Babu Rao Guduri, Additional Director, and Professor HOD, T & E and Laboratory Departments, Indian Institute of Packaging, Mumbai the Guest of Honour at Seminar



Mr. Omprakash Mantry, President, ITAMMA offering Memento to Mr. Avinash Mayekar, Managing Director, Suvin Expo LLP the Guest Speaker at Seminar

ITAMMA highlighted on 'Packaging Aspects' during its 82nd AGM on 24th September 2025 at ITME Centre, Mumbai



Audience at Seminar & 82nd AGM 5th in series "BK Mehta Technology Networking Mission-2030" on 24th Sept 25 at ITAMMA Conference Room, Mumbai

24th Sept 25

ITAMMA in together with "BK Mehta Endowment Fund" organized 5th in series "B. K. Mehta Technology Networking Mission-2030" at ITAMMA Conference Room, Mumbai on 24th Sept 25

1st session (Virtual and was open to all)

Started with a documentary film of the luminary Shri B.K. Mehta highlighting his yeoman services to the cause of the textile engineering industry in general and ITAMMA in particular.



Late Shri B K Mehta, Visionary and Philanthropies

Mr. N D Mhatre, Director General (Tech), ITAMMA in his Introductory Speech, explaining about the initiatives taken by B K Mehta to form this Mission with the help of Balbhai Film stated that the objective of the task force is to Engage Academia, Research, Government and Industry stakeholders at National and International level, Support and

highlight various key innovations in the Textile sector, Creating objectives & strategic roadmap towards engaging stakeholders and Developing pilot project initiatives in partnership with the Stakeholders. This Networking Mission will give an opportunity to Students from different Textile Institutes to interact with the Industry Experts, Industrialists and Govt. Bodies from Textile Engineering and Textile Industry and implement their Projects/innovations under various Govt. schemes.



Mr. N. D. Mhatre, Director General (Tech) explaining about the initiatives taken by B K Mehta to form this Mission with the help of Balbhai Film

Mr. Omprakash Mantry, President, ITAMMA in his Welcome Address said that Uptil now ITAMMA has organized 4 such events in the series, focusing on the development of Product, Process and Infrastructure under various project proposals as submitted by the students of more than 10 textile research institutes. We have taken sincere efforts in providing a valuable platform to the Academia to showcase their innovative ideas, research work and projects at pilot plant or production level; to the important representatives of textile industry viz, Industry Experts, Stakeholders and Government bodies.

Today we have with us Dr. Ravindra D. Kale, Professor of Fibres & Textile Proc. Tech., ICT (UDCT), Mumbai, Dr. Deepa V. Raisinghani, Lecturer (Selection Grade), Ex-Dean (Diploma), VJTI and Dr. Prasanta Kumar

Panda, Asst. Director and Sr Scientist, Bombay Textile Research Association, Mumbai as our Experts who will be observing all the projects and giving their views and advice if any for each project.

I once again thank Mrs. Hansaben Mehta, for taking forward the family tradition and generously strengthening the "B K MEHTA ENDOWMENT FUND" which has helped us in organizing such useful events and connecting the Academicians-Industry Experts-Industrialists-Govt. Bodies for the development of Indian Textile Industry

I am also finding privilege and honour to announce today in taking forward the activity of the ITAMMA Technology Fund to the next level as "Innovation Scouting Mission". Under which the Student will work for a day or two in our Member's factory and explore the possibility of the development of Innovative Product, Process or/and Infrastructure leading towards the benefits like increasing productivity, product quality and cost reduction through wastage control, etc. "Innovation Scouting Mission" will sponsor the student for this activity as per the norms set for funds depending on the ITAMMA Member's demand for the activity.



Mr. Omprakash Mantry, President, ITAMMA delivering Welcome Address

Industry experts Industry Experts-

Dr. Ravindra D. Kale, Professor of Fibres & Textile Proc. Tech., ICT (UDCT), Mumbai, gave various valuable suggestions to the students

on circular economy and similar project work carried in pharmacy and food industry.



Felicitation of Dr. Ravindra D. Kale, Professor of Fibres & Textile Proc. Tech., ICT (UDCT), Mumbai by Mr. Omprakash Mantry, President, ITAMMA

Dr. Deepa V. Raisinghani, Lecturer (Selection Grade), Ex-Dean (Diploma), VJTI, appreciated that the presentations observed where domain didn't restricted the textiles but were from other allied and auxiliary fields and if more funding platform is created for R & D work of students then more participation will be registered.



Felicitation of Dr. Deepa V. Raisinghani, Lecturer (Selection Grade), Ex-Dean (Diploma), VJTI by Mr. Omprakash Mantry, President, ITAMMA

ITAMMA highlighted on 'Packaging Aspects' during its 82nd AGM on 24th September 2025 at ITME Centre, Mumbai

Dr. Prasanta Kumar Panda, Asst. Director and Sr Scientist, Bombay Textile Research Association, Mumbai, informed that today the Research comes from need and chasing the market; however the innovations with constructive ideas supported by Science should come with the Product thereby creating the market.



Felicitation of Dr. Prasanta Kumar Panda, Asst. Director and Sr Scientist, Bombay Textile Research Association, Mumba by Mr. Omprakash Mantry, President, ITAMMA



Students making On-Line presentation of their Project work



Recognizing the work of Students for their Project work by offering Certificate of Appreciation and Encouraging Students for their Project work by a token of love

Recognizing the work of Students for their Project work by offering Certificate of Appreciation and a Token of Love



Students making physical presentations of their projects

2nd Session- Students who were shortlisted from the following colleges presented their innovative projects to the Experts panel.

Sr. No.	College Name	Student's details	Details	Project Details
1	Sardar Vallabhbhai Patel International School of Textiles & Management, Coimbatore, Tamilnadu	S. Harish	on-line	Design and Development of Mulch mat using Natural Plant source
		Ananya Rastogi, M.Vijay manikandan	on-line	Development of Cotton Stretch Gauze fabric
2	PSG College of Technology (COIMBATORE)	Harini Rajasree B Kaviya K	on-line	Aerogel Integrated nonwoven for thermal insulation applications Development of Sustainable Natural Fibres Based Composites Development of Sustainable Natural Fibres Based Composites

Sr. No.	College Name	Student's details	Details	Project Details
3	R. N. G. Patel Institute of Technology	Ayushi N Chauhan (Team Leader) Ahemad Raza N Momin Puja Chauhan	Physical	Explainable AI-based Textile Defect Detection using VGG19.
		Dhruv Patil (Team Leader) Avi Deasai Kailash Sirvi		Sustainable Dyeing: An Agentic AI System for Real-Time Optimization of Water, Energy, and Chemical Usage.
4	PIET	Sheetal Sharma (CSE AI&ML) Shivam Gemini (CSE AI&ML) 2822369	on-line	Face Recognition Attendance System
5	DKTEs Textile and Engineering Institute,	Shreyash Pattedar	on-line	Bio-Fresh wraps for Refrigerated vegetables
		Sanskruiti sandip Dange Dayanidhi R P Manish Nilakanth Kathke Trigun Pujari Vaishnavi Patil Akanksha Kumbhar Venugopal Kundaram	on-line	Fabric sachet to Preserve the Grains
		Shital H Gaikwad Radha S Jahagirdar	on-line	Design & fabrication of Unconventional Machine For Ombre Dyeing at Garment stage
		Product Development From Water Hyacinth Samiksha S Maglgave Shrutika S Patil		Product Development From Water Hyacinth

For further information, please contact :

**N. D. Mhatre, Director General (Tech), Indian Textile Association & Machinery Manufacturers Association
Bhogilal Hargovindas Building, 18/20, K. Dubash Marg, Kala Ghoda, Mumbai-400001**

Tele : (022) 40121421/40124828/8928144886, Fax : (022) 2287 4060

e-mail : info@itamma.org/admin@itamma.org, accounts@itamma.org, Web : www.itamma.org. ■

Death toll rises nine & eight injured in fire at garment factory in Dhaka

At least nine workers were killed and eight others injured on 14th October in a fire that broke out at a garment factory and a chemical warehouse in Bangladesh capital, officials said.

The devastating fire broke out at a chemical warehouse next to the garment factory, Talha Bin Jasim, an officer at the Fire Service and Civil Defence Media Wing, was quoted as saying by the state-run BSS news agency.

Nine bodies have been recovered from the first and second floors of the garment factory, Fire Service and Civil Defence Director (Operation and Maintenance) Lt Col Mohammad Tajul Islam Chowdhury told reporters. "We suspect that all of them have died after inhaling toxic gas," Mr. Chowdhury was quoted as saying by Bangla language daily *Prothom Alo*.

He added that the fire was brought under control, and firefighters are conducting searches at the garment factory.

"The number might go up," Talha Bin Jasim said.

He said they received the report of the fire at 11:40 a.m. (local time), and the first team arrived at the scene at 11:56 a.m.

The two buildings are located side by side in front of Bangladesh University of Business and Technology (BUBT) in Rupnagar, he said.

Nine firefighting engines rushed to the spot around 11:56 a.m. and doused the blaze in the buildings, he said.

Bangladesh has a history of industrial disasters. Past industrial tragedies have often been attributed to safety lapses.

Soft Plus Cots

**Consistency You
Can Count On.
Quality You Can See.**

Why settle for
fluctuating yarn quality
when you can have
absolute consistency?



**Soft Plus Cots from PRECITEX are
built for spinners who demand
repeatable excellence - from the
first meter to the last.**

- **Minimal hardness variation**
Stable performance over cot life
- **Significantly improved yarn quality**
Fewer defects, better feel
- **Long-term consistency**
Less monitoring, more peace of mind

**Keep your yarn flawless.
Keep your production predictable.**

CORPORATE NEWS

Itema lays the First Stone of the new Manufacturing Site of Ponte Nossa

The redevelopment of the historic industrial area of Seriana Valley is in progress, with a new manufacturing hub for the Itema Group set to emerge

The ceremony for the laying of the First Stone of the new Itema Site in Ponte Nossa took place on Thursday, 18th September.

The area, which once accommodated Cotonificio Cantoni, has lied unused since 2004. In July 2022, Itema concluded the acquisition of the site with the goals counteracting the abandonment of mountain areas and giving new life to an area that for many years in the past was the flagship of the industrial reality of the Seriana Valley, and of creating a new world-class production hub for the world of weaving machinery and solutions.



The Group of Colzate has then worked on an industrial requalification plan for the area, which is divided in multiple steps, and aimed to have new innovative spaces in terms of sustainability and circularity to accommodate efficiency enhancements in the production and engineering activities of Itema Group companies.

The laying of the First Stone marked the beginning of the construction works of Step 1 which is expected to be completed during 2027. This first step is dedicated to building a new manufacturing plant to improve the efficiency of the production capacity of the Itema weaving core business.

The CEO of Itema Group, Ugo Ghilardi said: "In 2022 we took the decision to begin a journey that would lead Itema Group to have a position adapted to the turbulent changes taking place and at the same time strengthen our brand, which is recognized throughout the textile world as an ambassador of "Made in Italy". One step of this

journey involves both process and production, and product assets, which find a home in this new manufacturing site in Ponte Nossa. A completion of our industrial presence in Bergamo, in Seriana Valley, that will also allow our historical site in Colzate to further develop. Our ambition is to create value in this territory in order to compete in the global textile industry".



In fact, the new plant will be built according to the most innovative principles of productive and logistic efficiency, while implementing the latest technologies in terms of manufacturing.

Maurizio Radici, Itema Group's President of the Board of Directors added: "We are proud to continue our textile journey in Seriana Valley, the cradle of our history, with a project in which vision, innovation, and sustainability converge. Our roots are here. This new manufacturing hub represents our investment in a cutting-edge and prosperous future for our territory".

The investment in the new manufacturing hub of Ponte Nossa, that will also involve a future development for Lamiflex SpA in the following steps, testifies to the Itema Group's desire to continue to represent a solid industrial entity for Bergamo and whole Italy, as well as a partner that looks at the future for all the weaving mills of the world.

Itema Group

Itema is an Italian leading global provider of advanced weaving solutions, including weaving machines, spare parts, and integrated services. The Company is the only manufacturer in the world to provide the top three weft insertion technologies: rapier, airjet and projectile, with an ample product portfolio and a steadfast commitment to continuous innovation and technological advancement of our weaving machines.

CORPORATE NEWS

Itema owns Lamiflex, leading supplier of technical composite products and Schoch, leading producer of weaving accessories. The Group also has stakes in Tofflon Itema, the Italian branch of Tofflon, an Asian biopharmaceutical multinational company. Sixty percent of Itema is held by Gianni Radici's heirs. The remaining part is held by Arizzi and Torri families.

For further information, please contact:

Ms. Camilla Nessi

Marketing & Communications Specialist

Itema Group

camilla.nessi@schoch.it

Ms. Valentina Brignoli

Marketing & Communications Manager

Itema Group

valentina.brignoli@itemagroup.com □

Mayer & Cie. files for insolvency under self-administration following turmoil market due to global events

Mayer & Cie., a manufacturer of circular knitting and braiding machines in Albstadt, filed an application for the opening of insolvency proceedings in self-administration at the Hechingen District Court.

Mayer & Cie. specialises in the manufacture and sale of circular knitting and braiding machines, almost all of which are exported and are valued by textile manufacturers worldwide. The company is owner-managed in the fourth generation and recently celebrated its 120th anniversary. Mayer & Cie. employs around 280 people at its headquarters in Albstadt. Their wages and salaries are secured for three months via the insolvency benefit.



Mayer & Cie. operates in a market that is currently in turmoil due to global events. For

example, the trade conflict between the USA and China and the war in Ukraine led to reluctance to invest worldwide. Turkey, an important export market, is struggling with high inflation, which means that textile manufacturers there are no longer competitive. At the same time, state-subsidized manufacturers from China offer their textile machines at low prices on the world market. This led to a slump in sales of almost 50 percent last year – with increased costs at the same time.



Self-administration offers companies a legal framework to reposition themselves while business operations are ongoing. In contrast to regular insolvency proceedings, corporate responsibility remains in the hands of the management, which controls the restructuring itself. She is supported by the experienced restructuring expert Martin Mucha from the law firm Grub Brugger, who joins the company as a general representative. In self-administration, the competent local court does not appoint an insolvency administrator, but a (provisional) administrator. The latter monitors the proceedings in the interest of the creditors. Attorney Ilkin Bananyarli from PLUTA Rechtsanwälts GmbH has been appointed as the provisional administrator of Mayer & Cie.

"On Thursday, together with the management, I informed the workforce about the insolvency application. At the same time, the necessary steps were taken to maintain business operations. We intend to continue business operations as usual and will concentrate with all our commitment on maintaining the company's core competencies," explains attorney Martin Mucha.

About GRUB BRUGGER:

GRUB BRUGGER has been active nationally and internationally for almost six decades, currently with locations in Stuttgart, Frankfurt am Main, Munich and Freiburg. Since its foundation in 1965, the law firm has consistently focused on insolvency, restructuring and commercial law. Advising companies in crisis and their creditors, insolvency administration and cooperation with financial investors and credit institutions have significantly shaped the profile of GRUB BRUGGER. GRUB BRUGGER is a law firm that has received many awards in the trade and business press for many years and is one of the leading addresses in Germany in insolvency and restructuring advice as well as in insolvency and self-administration. More at www.grub-brugger.de.

Martin Mucha is a specialist lawyer for insolvency and restructuring law, a partner at the law firm GRUB BRUGGER and, according to the JUVE Handbook of Commercial Law Firms 2024/2025, once again one of the leading names in insolvency administration in Germany. Martin Mucha was also recently listed in the WirtschaftsWoche ranking among the most renowned lawyers for restructuring. The Working Group on Insolvency Law and Restructuring has presented Martin Mucha with the "Self-Administrator of the Year" award in 2023. In the same year, Handelsblatt named Martin Mucha Lawyer of the Year in the field of restructuring and insolvency law. Martin Mucha is a member of the Gravenbrucher Kreis and the expert committee for insolvency law of the German Federal Bar Association (BRAK).

For further information, please contact:
Mayer & Cie. GmbH & Co. KG
 Emil-Mayer-Straße 10, D-72461 Albstadt
 Tel: +49 7432 700520
 Presse@mayercie.com
 www.mayercie.com

Ministry of Textiles, Government of India, Inaugurated ColorJet Pavilion at ITMA Asia Singapore

The ColorJet Pavilion at ITMA Asia + CITME Singapore was inaugurated by Shri Rohit Kansal, Additional Secretary, Ministry of Textiles, Government of India. The event was graced

by the presence of the Ambassador of India to Singapore, Dr. Shilpak Ambule along with several distinguished dignitaries and industry leaders.

During the inauguration ceremony, Shri Rohit Kansal and other dignitaries delivered impactful speeches highlighting the importance of Indian technology and sustainable practices in textile printing.

During his visit, "Shri Rohit Kansal applauded the remarkable progress of the Indian textile ecosystem, highlighting how the industry has evolved to make a strong mark globally. He emphasized India's growing contributions across the textile value chain—from spinning and processing to digital printing—reflecting the nation's technological strength and innovation-driven growth."

He also commended ColorJet for its outstanding contribution to the Indian textile industry, recognizing the company's continuous efforts toward advancing technology, promoting sustainability, and positioning India as a leader in digital textile innovation.



"It was an absolute honor to have Shri Rohit Kansal, Additional Secretary, Ministry of Textiles, Government of India, inaugurate the ColorJet Pavilion at ITMA Asia Singapore. His visit and words of encouragement reaffirm our commitment to driving innovation, sustainability, and technological excellence in the textile printing industry. At ColorJet, we take immense pride in representing Indian technology on such a global platform and showcasing how 'Make in India' solutions are setting new benchmarks in performance and environmental responsibility" Said Mr. Arun Varshney, Vice President and Business head ColorJet Group

At the event, ColorJet unveiled its latest innovation — the Fabjet Pro, a wide-format digital textile printer that exemplifies the company's

CORPORATE NEWS

dedication to sustainability, advanced technology, and wider-width productivity. The launch reinforces ColorJet's vision to deliver eco-conscious, high-performance printing solutions that cater to the evolving needs of the global textile industry.

For further information, please contact:
Abhijeet, Colorjet
Ph: 9811992462 □

Spykar kicked off "DaurApna Hai" Campaign with a Powerful Rap Anthem by Wicked Sunny, Dharmik and the Vixens Crew

Spykar Lifestyle, one of India's most loved and trusted homegrown denim brands, announced their latest campaign "DaurApna Hai." The campaign reflects the belief that this is India's time – a celebration of India that's young and vibrant at heart, mind and soul! "DaurApna Hai" celebrates the confidence, self-expression and pride of this spirit, echoing Spykar's own journey as India's finest denim brand that has always stood for authenticity and the perfect fit for Indian bodies.



The campaign begins with a high-energy music video a rap anthem created in collaboration with Wicked Sunny, Dharmik and the Vixens Crew. This track celebrates the grit, talent and ambition

of today's youth, echoing Spykar's belief that it is India's time to shine on the global stage. This is a unique track with an addictive rhythm and melody that is resonating with youth

Talking about the campaign, Sanjay Vakharia, Co-founder and CEO of Spykar Lifestyle Pvt. Ltd., said, "Spykar has always been a brand that stands for the young and restless Indian spirit — self-made, unapologetic and ambitious. DaurApna Hai stems from the same philosophy. The rap anthem is just the first step of this larger campaign, which marks the beginning of an exciting new chapter. As India's youth pushes boundaries and redefines success, we're ready to walk alongside them, empowering them with style and confidence that is proudly Indian. We will soon be unveiling more initiatives, collaborations and stories that speak to our audience and celebrate Indian creativity."

Spykar has evolved from being a pioneer in Indian denim to becoming a lifestyle brand with a strong presence across apparel and accessories. Over the years, it has built a reputation for the perfect fit for Indian bodies, high quality fabrics, and designs that match international standards while staying true to Indian roots. Its network of stores, e-commerce platforms and loyal customer base makes it one of the most recognizable names in Indian fashion today.

With "DaurApna Hai," Spykar is reinforcing its position as India's finest denim brand, championing the country's youth, originality and individuality. The campaign will not only showcase style but also drive conversations about confidence, self-expression and celebrating Indian talent.

For further information, please contact:
Iqra Merchant, White Marque Solutions
Creative Strategy, Public Relations,
Digital Outreach,
Spykar Lifestyle
Landline: 022-26335094-98, Extension 13
Cell: +91 9619731377
Email: iqra@whitemarquesolutions.com
Office No: 422/423, 4th Floor, Laxmi Plaza
Laxmi Industrial Estate,
Andheri (West), Mumbai-400053
Website: www.whitemarquesolutions.com □

RadiciGroup and Ferragamo ties up for an eco-design project under the Monitor for Circular Fashion initiative

Nova: a bag symbolizing circular and responsible fashion

RadiciGroup, a leading player in sustainable textile solutions, has partnered with Ferragamo to develop “Nova – The evolution of a Star”, an eco-design project that reimagines one of the Maison’s iconic handbags through the lens of circularity.

The initiative was born within the Monitor for Circular Fashion (M4CF), the research observatory of SDA Bocconi School of Management that brings together companies, institutions, and stakeholders from the TCLF sector (Textile, Clothing, Leather, Footwear) with the aim of accelerating the transition towards more sustainable and circular business models. The project was unveiled on September 30, during the launch of the Circular Fashion Manifesto 2025, signed by 27 fashion companies and set to become a European benchmark for circular practices.



The Nova bag is the result of a collaborative eco-design process involving multiple industrial partners: Radici Yarn (RadiciGroup) for textiles, Conceria Antiba for leather, ICEC and UNIC for certification, and Temera for the digital identity of the project. The design approach was guided by the principles of traceability, chemical safety, and durability, with the use of renewable, bio-based materials: the fabric is made with Biofeel® eleven, a 100% bio-based yarn derived from castor oil and produced by Radici Yarn; the leather parts come from Conceria Antiba with vegetable tanning and certified traceability; finally, the bag was assembled

without the use of metals or glues, with a 60% reduction in packaging volume. The results are tangible: the bio-based carbon content—that is, the proportion of carbon in the material derived from renewable biological sources, measured using radiocarbon C14 testing—reaches 84.3% of the total weight, making Nova a concrete example of how aesthetics, innovation, and sustainability can coexist.

“It was a pleasure and an honour for us to take part in this innovative eco-design project, which represents a key step toward a sustainable and responsible future,” said Filippo Bona, R&D Manager Apparel & Technical at RadiciGroup. “Our contribution at Radici Yarn focused on selecting the most suitable materials and engaging supply chain partners, all committed to creating a product that is not only functional, but also respectful of the environment and social responsibility values. For this project we chose Biofeel® eleven, our 100% bio-based yarn obtained from castor oil, a low-impact plant that requires very little water. It is a material that combines lightness, strength, and sustainability, demonstrating that technical performance can go hand in hand with protecting the planet.”

The Nova project shows how collaboration across the entire supply chain can foster innovation and accelerate the circular transition in the fashion industry. A synergy that, through the Monitor for Circular Fashion, is part of a broader European movement aiming to redefine the paradigms of textile, leather, and footwear production in a sustainable way.

For further information, please contact:
communication@radicigroup.com □

FabriCare New Collection raises Every Celebration

FabriCare by D'Decor unveils its latest collections, crafted to infuse homes with the spirit of celebration for the festive season. The range includes striking velvet jacquards, plush chenilles, and sophisticated woven upholsteries. From the 3D illusion of Elysian Velvet to the intricate jacquards of Textura Velvet and the harmonious color meets

CORPORATE NEWS

texture of Signature Edit I & II, every piece makes a statement of elegance and warmth, perfect for the festive makeover of homes.



This season, FabriCare blends contemporary artistry with timeless tradition with its festive curtain collection, offering something special for every festive setting. The Linen Essence, Serene Spa and Mocha Mousse collections bring forth natural beauty and calm sophistication, with decorative draperies in tranquil aqua and warm mocha tones, making spaces both welcoming and visually captivating.



With an array of options that balance luxury and utility, these new launches are the ideal choice to



elevate festive décor. Each collection is designed to create inviting atmospheres for special occasions, whether it's get-togethers, intimate ceremonies, or grand festive gatherings.



However, what sets FabriCare apart is not just its design sensibility, but also its performance. Upholstery that remains immaculate through gatherings, curtains that stay vibrant celebration after celebration, and fabrics that balance beauty



with resilience — FabriCare makes every space both inviting and effortless to maintain. From Easy Clean and stain-resistant upholstery and drapery fabrics that stand up effortlessly to children, pets, and the spirit of festivity, to curtains that return fresh and flawless from the washing machine with zero shrinkage - FabriCare ensures that festive spaces stay luminous and welcoming long after the celebrations are over. In a season defined by joy, togetherness, and constant celebration, FabriCare stands as the quiet strength behind beauty that lasts.

For further information, please contact:

CEMATEX

Dentsu Creative

Cannes Lions AOTY 2022

Phone : +91 9769262886

Email : swati.dumpati@gmail.com

dentsucreative.com



Liva Reviva™ M rolls out as India's First Mechanically Recycled Cellulosic Fibre – Ushering in a New Era of Circular Fashion

In a landmark move that could redefine fashion's environmental future, Birla Cellulose today announced the launch of Liva Reviva™ M, India's first next-generation circular fibre made with up to 50% mechanically recycled post-consumer textile waste. This breakthrough marks not just a product launch, but a bold declaration: fashion can no longer afford to be linear.

At a time when the world is drowning in discarded clothing with 92 million tonnes of textile waste generated annually and projected to grow by 45% in the next five years as reported by United Nation's Environment Programme website, Liva Reviva™ M arrives as a tangible, scalable, and certified solution to one of the industry's most devastating crises.



"Liva Reviva™ M isn't just another sustainable fibre, it's the future of fashion itself. We're not talking about incremental change. We're talking about rewiring the very DNA of how fashion is made, worn, and reborn," said Mr. Manmohan Singh, Chief Marketing Officer, Birla Cellulose.

A Circular Disruption with Global Impact

Crafted by blending premium man-made cellulosic fibres with mechanically recycled textile waste, Liva Reviva™ M embodies the principles of true circularity. This fibre is:

- ▶ 100% plant-origin and majorly cellulosic content

- ▶ Skin-friendly and breathable
- ▶ Soft to touch with fluid drape
- ▶ Certified by GRS and FSC®

And it's not just about sustainability on paper. From premium denims to knitted wear, Liva Reviva™ M is already proving its versatility in real-world applications with the fashion industry's frontrunners eager to integrate it into their collections.



Closing the Loop, At Scale

While conversations around recycling in fashion have been long overdue, Liva Reviva™ M offers something rare: a commercially viable and technically proven solution. It demonstrates how post-consumer fashion waste once destined for incinerators and landfills can now be reborn into high-performance garments, redefining waste as a resource.

With this launch, Birla Cellulose a global leader in cellulosic fibres and part of the Aditya Birla Group stakes its claim as an environment-first pioneer.

For further information, please contact:
Iqra Merchant, White Marque Solutions
Creative Strategy, Public Relations,
Digital Outreach,

Landline: 022-26335094-98, Extension 13

Cell: +91 9619731377

Email: iqra@whitemarquesolutions.com

Office No: 422/423, 4th Floor, Laxmi Plaza

Laxmi Industrial Estate,

Andheri (West), Mumbai-400053

Website: www.whitemarquesolutions.com □

CORPORATE NEWS

CEMATEX bolsters EU representation and advocacy for the European textile machinery industry

CEMATEX, the European Committee of Textile Machinery Manufacturers, has reinforced its role as the voice of the EU textile machinery industry by enhancing its presence and engagement with EU institutions and stakeholders.

According to Mr Alex Zucchi, President of CEMATEX, the organisation is now officially registered in the EU Transparency Register. He said “With this registration, the association is in a leading position to represent the European textile machinery industry in dialogue with EU legislators and to actively contribute to consultations on upcoming legislative initiatives”.

As part of this engagement, CEMATEX has participated in the EU Sustainable Textiles Transition Pathway, pledging its support for the transition to a more sustainable European textile ecosystem. It has also joined the EU Textiles Ecosystem platform, ensuring stronger connections and visibility within the wider EU textiles community.

As the legislation landscape evolves in support of the upcoming EU textile strategy, CEMATEX is actively monitoring key EU legislative initiatives. Among them are the Eco-Design Regulation (Textile Delegated Act), Waste Framework Directive implementation across EU member states, Product Environmental Footprint Category Rules (for apparel), and market surveillance and customs reform, including the proposal for a central market surveillance agency.

Trade advocacy and global engagement

Another important area of CEMATEX’s involvement is trade advocacy. It continues to actively represent its members’ interests in global trade issues. Currently, it is focused on two key areas: the Indian Omnibus Technical Regulation and EU market surveillance.

The Indian Omnibus Technical Regulation foresees compulsory certification by the Bureau of Indian Standards for weaving and embroidery machines and their components. CEMATEX has submitted a position paper to the Indian Ministry of Heavy Industries (MHI) and it is actively lobbying for postponement of the regulation. It has participated in the MHI Subcommittee on Textile Machinery and Machine Tools, seeking further clarifications and details.

On the European front, it has coordinated with other EU industry associations, namely CECIMO, Orgalim and Committee of European Construction Equipment (CECE) to press the

European Commission to oppose compulsory certification for CE-marked machinery. It has called on the European Commission to classify this measure as a Technical Barrier to Trade (TBT) at the World Trade Organization plenary meeting in June 2025, demanding its removal.

At the same time, CEMATEX is actively lobbying the European Commission to secure tariff-free access for EU textile machinery exports to the Indian market.

Market surveillance

On market surveillance, CEMATEX has advocated strengthened enforcement against non-compliant imports. Towards this end, it has developed and circulated a position paper to all 27 EU Member State Market Surveillance Authorities (MSAs) and launched a plan to support MSAs and customs authorities with documentation identifying likely sources of non-compliance in imported textile machinery.

A Machine Safety Committee comprising experts from CEMATEX member companies is being established. The committee will collect evidence of recurring non-compliance. In addition, it is developing brochures for MSAs and customs officers to support their inspections. It has also prepared awareness initiatives targeting customer associations and trade unions regarding the risks associated with non-compliant imports.

Looking ahead

Through these initiatives, CEMATEX is reinforcing its leadership role in representing the European textile machinery industry. “By engaging in EU decision-making and defending industry interests in global trade, CEMATEX is committed to ensuring a competitive, sustainable, and innovative future for the European textile machinery industry”, Mr Zucchi explained.

About Cematex

CEMATEX (Le Comité Européen des Constructeurs de Machines Textiles) is an organisation comprising nine national European textile machinery associations (ACIMIT, AMEC-AMTEX, BTMA, GTM, SWISSMEM, SYMATEX, TMAS, UCMTF, VDMA) in the free market economy. CEMATEX is the owner of ITMA, the world’s largest international textile machinery exhibition. Cematex is headquartered in Zurich.

For further information, please contact:

Secretariat Office:

Via Tevere 1 – 20123 Milan (I)

Tel: +39 024693611, Email: secgen@cematex.com;

Website: www.cematex.com

Federico Pellegata, Secretary General Cematex

secgen@cematex.com, www.cematex.com □

Jeanologia, the global leader in sustainable technology for textile industry shapes the denim of the future at Kingpins with 'Mediterranean Soul'

- ▶ The collection showcases the combined power of Laser and G2 Indra technologies to create authentic finishes without harming the planet or workers.
- ▶ The company also takes part in the 'Made in España' collective, which this year celebrates the strength and innovation of Spanish textiles at Kingpins Amsterdam.

Jeanologia, the global leader in sustainable technologies for the textile industry, returns to Kingpins Amsterdam with its new collection "Mediterranean Soul", blending nature, creativity, and technology to prove that authentic denim can be designed and produced with efficiency and minimal environmental impact.

The collection draws inspiration from the power of the Mediterranean Sea and the essence of Valencia, Jeanologia's hometown. Following the devastating floods that hit the city in October 2024, the collection is a tribute to resilience, nature, and Mediterranean creativity, reinterpreted in the world's most universal fabric: denim.

"Mediterranean Soul is a story of resilience and creativity brought to life through denim," says Carme Santacruz, Creative Director at Jeanologia. The collection captures the Mediterranean beauty and vibrancy in every garment: the deep blues of the sea, the golden texture of sand, sunlight reflecting on facades, and the lively energy of urban and natural landscapes. More than fashion, it is a manifesto—environmentally conscious design that is at once authentic, innovative, and sustainable. "Mediterranean Soul is a journey that connects our roots with our global mission to detoxify and dehydrate the fashion industry, without sacrificing creativity or efficiency," adds Santacruz.

Laser + G2 Ozone: bringing Mediterranean landscapes to life through denim

To capture this Mediterranean spirit, Jeanologia combines its two most powerful technologies:

- ▶ **Laser**, which brings landscapes and natural textures to life with hyper-realistic, unique designs. It has transformed the way jeans are designed and produced, eliminating any hand touch and offering infinite creative possibilities. Today it allows reproducing vintage effects, 3D textures, breaks, or vector designs with precision, speed, and consistency, digitalizing the entire design process and ensuring creativity, quality, and efficiency.

- ▶ **G2 Ozone Indra**, whose ATMOS process creates abrasion and a wide variety of washes, from deep indigo blues to light tones, as well as blacks and greys. This "air washer" replaces traditional washing methods with ozone and precise humidity control, achieving authentic washes without water, chemicals, or pumice stones, and reducing both environmental impact and costs.

Together, Laser + G2 Ozone give designers total freedom to create authentic finishes with greater contrast, brightness, and naturalness, achieving true sustainability at the best cost.

'Digital to real', from virtual design to real garment

At Kingpins, Jeanologia also presents 'Digital to Real', a space where visitors can experience how digitalization accelerates the design-to-production process. With eDesigner, brands can develop and visualize denim finishes in a fully digital environment, reducing up to 80 percent of physical samples, cutting emissions, and connecting creativity directly with production.

'Made in España': creativity, innovation, and sustainability

At Kingpins, Jeanologia takes part in 'Made in España', a space that celebrates the strength and creativity of the Spanish textile industry.

Together with Recover, Jeanologia showcases circular, responsible, and creative denim, highlighting new ways to enhance sustainability and close the loop in denim production.

Alongside TextilSantanderina and Pinter, the company will inspire visitors with a collection that blends art and fashion, a reflection of Spanish innovation, craftsmanship, and contemporary creativity.

Jeanologia: 30 years leading the transformation of the textile industry

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

CORPORATE NEWS

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

For further information, please contact:

Patricia Aguilar:

paguilar@agenciadecom.es/ +34 96 353 04 81

prensa@agenciadecom.es

T. (+34) 963 530 481, www.sapristidecom.es □

Circulose and TextileGenesis tieup to Scale Traceable Circular Materials

CIRCULOSE®, the next-generation material made entirely from discarded textiles, is partnering with TextileGenesis, a Lectra company, to integrate supply chain traceability into its solution offering for fashion brands.

Through the collaboration, every kilo of CIRCULOSE® pulp will be digitally traced from pulp to finished product, with a joint ambition to extend traceability further upstream over time. This gives brands verified, data-backed visibility to support circularity claims, build consumer trust as well as prepare for upcoming regulatory requirements.

“As the industry shifts to preferred and circular materials, strong traceability is critical to ensure integrity of sustainability claims,” said Jonatan Janmark, CEO of Circulose. “By embedding traceability through TextileGenesis as part of our integrated solution, we make traceability easy for all brands that are buying CIRCULOSE®.”

The traceability is powered by TextileGenesis' Fibercoin™ system, which assigns a unique digital token to each unit of CIRCULOSE®, recording every transformation step in the supply chain and preventing double-counting. This ensures a secure, real-time chain of custody from pulp to garment.

“TextileGenesis enables brands and producers to ensure a secure, transparent, and fully digital mapping of CIRCULOSE® material flows,” said Amit Gautam, Founder and CEO of TextileGenesis. “Together, we are proving that traceability is not a future ambition. It is a present-day reality.”

The partnership underscores Circulose's commitment to being a complete solution provider for brands, rather than solely a pulp producer. It adds traceability as a fourth solution within our CIRCULOSE® Forward platform, alongside our existing three solutions. Integrated traceability, combined with our unique licensing-based pricing model, makes it easier for fashion brands to transition from virgin fibers to a scalable, circular material solution. Through this collaboration, all brands purchasing CIRCULOSE® will be able to achieve full traceability using the TextileGenesis system.

About Circulose

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

About TextileGenesis:

Founded in 2018, TextileGenesis, a Lectra company, provides a Software as a Service (SaaS) platform that enables fashion brands and sustainable textile manufacturers to ensure a reliable, secure and fully digital traceability of their textiles, from the fiber to the consumer, and thereby guarantee their authenticity and origins. The platform provides traceability for textiles, leather and footwear, employing fiber forwards traceability for sustainable and certified materials and Supply Chain discovery approach to traceability for conventional materials.

Its innovative traceability mechanism, which addresses both ends of the textile value chain, as well as its network of partners for material certification, and its technology platform guarantee the exchange and tracking of reliable and secure data throughout a material's life cycle. The TextileGenesis platform also identifies and flags supply chain compliance/legal risks across the value chain from tier 1-4 for brands.

For further information, please contact:

Katarina Kempe

Communications & Public Affairs Director

Ciculose®

katarina.kempe@circulose.com ■

TEXTILE EVENTS

Textile Technology Bellwethers Headline ITMA ASIA + CITME, Singapore 2025 Exhibition

The region's leading textile machinery exhibition ITMA ASIA + CITME, Singapore 2025 opened on 28th October at the Singapore Expo. The ceremony was officiated by Mr Alvin Tan, Minister of State, Ministry of Trade & Industry and Ministry of National Development, Republic of Singapore.

The four-day exhibition has attracted the participation of major textile machinery brands from around the world. Over 840 exhibitors from 30 countries and regions are showcasing their latest technologies and solutions to trade visitors from Asia's leading textile and garment manufacturing hubs.

Occupying over 70,000 square metres of gross space, the exhibition features 19 product sectors, covering the entire textile and garment manufacturing value chain. Spotlighting solutions that advance sustainability, digitalisation and productivity, exhibits range from spinning, weaving and knitting to garment making, textile processing to automation, recycling and other products and services.

Owned by CEMATEX (the European Committee of Textile Machinery Manufacturers), ITMA ASIA returns to Singapore after 20 years. It was first held at the Singapore Expo in 2001 and repeated in 2005.

Combined with CITME, a textile machinery exhibition owned by the China Textile Machinery Association (CTMA) and The Sub-Council of Textile Industry, CCPIT TEX since 2008, the combined exhibition is staged outside of China for the first time.

"This Singapore edition marked a new milestone for ITMA ASIA + CITME. By bringing the latest machinery and digital solutions closer to growth markets across South and Southeast Asia and the Middle East, our aim is to offer a trusted platform for mill owners to source cutting-edge technologies that support operational modernisation and long-term competitiveness, particularly in advancing sustainability," said Mr Alex Zucchi, President of CEMATEX.

Mr Gu Ping, President of CTMA added, "Amid a new wave of digital revolution, the global textile and textile machinery sectors now stand at the forefront of strategic transformation. As a premier platform on textile machinery, the exhibition not only showcases end-to-end solutions but acts as a bridge for efficient business collaboration across the supply chain."

For regional textile machinery buyers in the region, ITMA ASIA + CITME, Singapore 2025 provided a strategic platform to source for cost-effective technologies that boost operational performance while ensuring compliance with sustainability standards and regulations.

Exhibiting countries

CEMATEX countries and China, both of which have robust textile machinery sectors, have strong presence on the show floor. Their exhibitors take up almost 70% of the exhibit space.

A total of 281 exhibitors from the nine CEMATEX countries booked over 38% of the net exhibit space. From among CEMATEX countries, Italy fields the largest contingent of 98 exhibitors, followed by Germany and Switzerland.

Chinese exhibitors totalling 310 book 30% of the exhibit space. From the rest of the world, India tops the list with 87 exhibitors.

Top product sectors

Of the 19 product sectors, finishing was the largest sector with 184 exhibitors; it occupies 22% of the exhibit space. The second biggest sector is spinning (167 exhibitors with 19% of exhibit space).

Other prominent sectors were knitting (99 exhibitors, 15% of exhibit space), weaving (80 exhibitors, 11% of exhibit space) and printing (56 exhibitors, 10% of exhibit space).

According to the show owners, many of the exhibits spotlighted solutions in circularity, resource efficiency, waterless processing, and renewable energy integration as the goal is to help Asian manufacturers moved beyond volume-driven growth to embrace sustainable, impact-driven competitiveness.

ITMA ASIA + CITME, Singapore 2025 got organised by ITMA Services and co-organised by Beijing Textile Machinery International Exhibition Company. For more information on the exhibition, download the app or visit www.itmaasiasingapore.com. Visitor badges are available for purchase online.

Held alongside the exhibition was the ITMA Sustainability Forum: Accelerating the Green Transition. Taken place on 30 October, it was a half-day forum presented by CEMATEX with Singapore Fashion Council as the Programme Partner.

About ITMA ASIA and ITMA

CEMATEX launched its ITMA ASIA exhibition in 2001. It was followed by a second show in 2005 that was supported by the Japan Textile

TEXTILE EVENTS

Machinery Association. Both exhibitions were held in Singapore. ITMA ASIA combined with CITME in Shanghai in 2008.

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

About CITME

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

About ITMA ASIA + CITME

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

For further information, please contact:

Daphne Poon

ITMA Services

Tel: +65 94789543

Email: daphnepoon@itma.com

Christine Tang

Beijing Textile Machinery International Exhibition Company

Tel: + 86 10 85229646

Email: tangrong@ccpittex.com



Techtextil India

19-21 November 2025

Bombay Exhibition Centre, Mumbai

The Countdown Has Begun — Techtextil India 2025 is Almost Here!

The wait is nearly over! In just one month, Techtextil India 2025's 10th edition will open its doors to the global technical textile industry from 19–21 November 2025 at Hall 4, Bombay Exhibition Centre, Mumbai.

Source from global suppliers, experience live demos and network with industry's best experts at one destination.

Here's what you can expect from your visit to the upcoming expo

- Discover 200+ exhibitors from 20+ countries, showcasing the latest in technical textiles,

nonwovens, composites, machinery, and performance fibres.

- Must visit for buyers across 12 application areas i.e. automotive, medical, apparel, construction, and packaging sectors
- Experience country pavilions from Germany

Focused segments

Sporttech pavilion, a dedicated zone for high-performance, athleisure fabrics and speciality fibres for activewear brands.

Pre-event series

Techtextil India Symposium in collaboration with the Dornbirn Global Fibre Congress Asia will give you key insights on 'Shaping the Future: Sustainable Growth in Fibre Solutions and Innovations.' on 18th November 2025.

Join thousands of buyers who will discover new materials, suppliers and innovations.

For further information, please contact:

Messe Frankfurt Trade Fairs India Pvt. Ltd.,

Gala Impecca, 5th Floor, Andheri Kurla Road,

Chakala, Andheri (E), Mumbai - 400093



AIFMP convened its 270th Governing Council Meeting and 72nd Annual General Body Meeting on 12th & 13th October 2025

Print Power Rising: AIFMP Welcomes Its New Team for 2025–26

All India Federation of Master Printers (AIFMP) — the apex body of India's printing industry — convened its 270th Governing Council Meeting and 72nd Annual General Body Meeting on 12th and 13th October 2025 at Holiday Inn Lucknow Airport, Lucknow. The event was graciously hosted by the Lucknow Printers Association.

During the meeting, C. Ravinder Reddy, Sravya Grafics, was elected as the President of AIFMP for the term 2025–26, succeeding Satish Malhotra. Ravinder Reddy brings with him a wealth of experience and a strong vision to advance the federation's mission of empowering printers across the nation through modernisation, education, and digital transformation.

Outgoing President Satish Malhotra congratulated the new team and acknowledged the

contributions of all regional associations for their relentless efforts in strengthening the federation's presence across India.

Newly Elected Office Bearers for 2025–26:

- Mr. C. Ravinder Reddy – President
- Mr. Mehul A. Desai – Hon. General Secretary
- Mr. M. N. Pandey – Vice-President (North)
- Dr. N. Sharatchandra Singh – Vice-President (East)
- Mr. Umesh Nema – Vice-President (West)
- Mr. K. A. Mujeeb – Vice-President (South)
- Mr. P. V. Satheesh Kumar – Hon. Jt. Secretary
- Mr. P. Sampathkumar – Hon. Treasurer
- Mr. Satish Malhotra – Immediate Past President

Strengthening India's Printing Ecosystem

Established in 1953, AIFMP stands as the world's largest organisation of printers, representing over 2.5 lakh printing establishments across India. The sector employs approximately 15 lakh professionals directly and 10 lakh indirectly, contributing significantly to the nation's MSME and manufacturing landscape.

With 78 regional associations affiliated under its umbrella, AIFMP serves as a unifying platform for printers from every corner of the country — from offset and flexographic printing to digital, packaging, and label segments. The federation continues to play a pivotal role in policy advocacy, technology adoption, sustainability initiatives, and international collaborations.

The federation also organises flagship exhibitions, including PAMEX Expo — the most valuable print exhibition in India — along with other major events such as the Bharat Print Expo, which collectively showcases South India's printing excellence and technological capabilities on the global stage.

For further information, please contact:

Rishabh Shukla

Senior Marketing Executive

Phone : +91 6306093942

Email: rishabh@Print-Packaging.com

Web: www.print-packaging.com,

www.reenvision.in

Print-Packaging.com/

ReEnvision Events Private Limited

Navi Mumbai, Maharashtra

Tel : +91-22-27812093



Bharat Print Expo 2026

AIFMP Brings Printing's Biggest Honor, NAEP, to Bharat Print Expo from 27 to 29 April 2026

All India Federation of Master Printers (AIFMP), the apex body of the Indian printing industry, has announced a strategic enhancement of its flagship awards program. The National Awards for Excellence in Printing (NAEP), recognized as the most prestigious honor in the Indian printing industry for several years, will now be held annually alongside the Bharat Print Expo.

Since its inception, NAEP has set the benchmark for quality, innovation, and excellence in printing, celebrating the remarkable contributions of printers across India. Traditionally conducted biennially with PAMEX Expo, the awards have now been restructured to ensure annual recognition of outstanding achievements in the fast-evolving printing landscape.

In 2023, AIFMP further expanded its vision by introducing the Global Print Awards, extending the platform to various South Asian countries, thereby raising the visibility of South Asian printers on the global stage. Going forward, the Global Print Awards will continue to be hosted biennially with PAMEX Expo, reinforcing its international stature.

This transformation comes through a strategic partnership between AIFMP and Reenvision Events Private Limited (REPL), aimed at professionalising the awards and significantly enhancing their prestige and value.

"NAEP has always been a symbol of trust and recognition in the Indian printing industry. With the annual format and our association with Bharat Print Expo, we aim to celebrate and reward excellence every year. Simultaneously, the Global Print Awards with PAMEX will strengthen the global presence of South Asian printing," said Satish Malhotra, President, AIFMP.

The restructured awards promise to create greater opportunities for printers, inspire innovation, and highlight India and South Asia's contributions to the world of printing excellence.

Anil Arora, Director, REPL, added: "With Bharat Print Expo as the annual platform, our goal is to make NAEP more accessible and meaningful. These awards will continue to recognise outstanding work and encourage growth in the printing industry."

TEXTILE EVENTS

For further information, please contact:

Rishabh Shukla

Senior Marketing Executive

Phone : +91 6306093942

Email: rishabh@Print-Packaging.com

Web: www.print-packaging.com,

www.reenvision.in

Print-Packaging.com/

ReEnvision Events Private Limited

Navi Mumbai, Maharashtra

Tel : +91-22-27812093



HanoiTex 2025

Vietnam Hanoi Textile & Garment Industry Expo 2025

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

Vietnam Textile & Apparel Association (VITAS) has raised Vietnam's 2025 export target for textiles, garments, and yarn to \$47-48 billion. Vietnam needs to import more textile and garment machines and parts from overseas, to meet its low tariff requirements for the US markets.

Why Hanoi? A New Production Base in Vietnam

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

Don't miss out on the chance to present at HanoiTex 2025!

Despite the organizers having opened an additional hall for HanoiTex 2025, over 95% of the booths have already been booked. Register now to secure your booth! For more details or to register, please visit www.vhanoitex.com or contact Mr Jason Chow in Hong Kong (Tel: +852 25117427, Fax: +852 25119692, Email: jason@cpexh.com, cpexh@yahoo.com, Wechat: cpexhibition) or our representative in your region.

Other events in Vietnam:

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

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

For further information, please contact:

jason@cpexh.com



ITM 2026, Istanbul

International Textile Machinery Exhibition

9-13 June

The Address of Innovation and Investment in Textile Technologies: ITM 2026

Sales for ITM 2026, one of the world's most comprehensive and prestigious exhibitions in textile technologies, are continuing at full steam. The record number of exhibitors and visitors achieved at ITM 2024 once again proved the industry's confidence and the commercial success of the exhibition; meanwhile, the strong interest shown in ITM 2026, to be held on 9-13 June 2026, has far exceeded expectations.

Intense Interest in ITM 2026: Applications Continue at Full Speed

The world's leading textile machinery manufacturers and technology giants are expanding their stands at ITM 2026 to establish new business connections and gain a stronger foothold in global markets. Rising demand and strong applications are transforming the exhibition into an even more attractive and profitable investment platform for exhibitors.

The ITM 2026 International Textile Machinery Exhibition will host industry professionals at the Tüyap Fair and Congress Center from June 9-13, 2026. Standing out as one of the world's leading textile technology gatherings, the exhibition will transform Istanbul into a global textile technology hub over five days. Throughout the exhibition, investors and professional visitors will have the opportunity to closely examine the latest machines and innovative solutions. With its showcase of advanced technology products, new business connections, and investment decisions, ITM 2026 will make a significant contribution to the growth of the textile machinery sector and to strengthening its competitiveness in the international arena.

The Success of ITM 2024 Lays a Strong Foundation for ITM 2026

The ITM Exhibition held in 2024 set new records in terms of both the number of exhibitors and

visitors, as well as machine sales. A total of 1,385 companies and company representatives from 71 countries participated in ITM 2024, which was visited by 66,200 people from 99 countries — 45% from abroad and 55% from Türkiye. The exhibition boosted the textile industry with machine sales and a business volume worth billions of euros over its five-day duration. This strong outcome achieved at ITM 2024 laid a solid foundation for ITM 2026. Hosting the leaders of textile technologies in Istanbul, ITM 2026 aims to carry this legacy forward and set new records.

Five Days Full of New Business Connections and Investment Opportunities

ITM 2026 will not only be an exhibition, but also the most accurate address for new investments, collaborations, and technological transformations in the sector. The B2B meetings to be organized within the scope of the exhibition will provide companies with the opportunity to establish long-term business connections and increase sales potential. Visitors will be able to closely examine the latest technologies and have the chance to receive first-hand information from industry experts. Delegations from countries with intensive textile production such as Pakistan, Bangladesh, Uzbekistan, India, and Egypt, as well as global investors, will prefer ITM 2026. The machinery sales and business partnerships of manufacturers coming from all around the world will give significant momentum to both the Turkish and global textile machinery industries. ITM 2026 will be a prestigious meeting point where the heart of investments, collaborations, and innovations in the sector will beat.

ITM 2026 will Attract More International Visitors Thanks to Visa Facilitation

ITM 2026, to be held in Istanbul — one of the crossroads of global trade — stands out with its geographically strategic location. Easily accessible from Europe, Asia, the Middle East, and Turkic Republics, Istanbul offers great advantages for exhibition participants. In addition, the visa agreements between Turkey and many countries such as India, Pakistan, Bangladesh, Indonesia, Vietnam, Egypt, Algeria, Tunisia, Morocco, Iran, Uzbekistan, and Turkmenistan further enhance the significance of ITM 2026. Textile manufacturers from countries that face visa challenges when traveling to Europe will not encounter such difficulties when coming to Istanbul, which will play an important role in increasing the number of participants and visitors at ITM 2026.

Istanbul's Advantages in Transportation, Accommodation, and Gastronomy will Elevate ITM 2026 to the Top

Istanbul offers great convenience to ITM 2026 participants and visitors not only with its strategic location but also with its wide range of accommodation and dining options. The availability of hotels to suit every budget in areas close to the exhibition venue ensures that participants enjoy a comfortable and pleasant stay throughout the event. In addition to the rich flavors of Turkish cuisine, Istanbul also offers countless alternatives from world cuisines. With its restaurants, cafés, and easily accessible dining spots, the city fully meets the needs of exhibition visitors. These advantages make ITM 2026 not only a hub for business but also a center for cultural and gastronomy discovery.

For further information, please contact:

Tuyap

T: +90 212867 1100, F: +90 212886 6698

www.tuyap.com

Teknik Fuarcilik

T: +90 212 876 7506,

E: info@teknikfuarcilik.com

sales@garmenttech.com.tr

www.teknikfuarcilik.com □

Hanover Gears Up to Welcome ITMA

The world's largest textile and garment technology exhibition, ITMA 2027 will return to Hanover, Germany, from 16 to 22 September 2027 after three decades. The exhibition is expected to span 200,000 square metres across 13 halls at MesseGelaende Hannover.

Book your accommodation early

Hanover offers a diverse range of accommodation options, ranging from hotels to inns and private apartments that will allow you to get to the fairground within 30 to 90 minutes. Book your accommodation early with official travel agent bnetwork (email: itmahotels@bnetwork.com).

Strong network of partners

ITMA works closely with the global textile community to strengthen collaboration, knowledge and networking. At ITMA 2023, more than 114 media partners and over 173 international associations, institutions and government bodies lent their support. Join our partner network and enjoy exclusive benefits for your members!

For further information, please contact:

ITMA 2027 <info@itma.com> ■



KEEP CALM AND OPEN FIBERS GENTLY!

Elevate Your Spinning Game During Turbulent Times

Over 50% of fiber loss and yarn defects stem from fiber rupture and poor opening.

BASANT's Gentle Fiber Opening Solutions mitigate this problem.

With guaranteed results and low investment, our solutions offer zero risk and limitless returns.



PREVENT RUPTURE, MAXIMIZE PROFITS!



choose *Basant's Smart Solutions now!*

E-mail : sales@baftek.com | Phone : +91 94140 63546, 0141- 4023793 | Website : www.baftek.com

SOME ILLUSTRIOUS VIEWS WITH IMPORTANT VISITORS AT ITMA ASIA+CITME 2025, SINGAPORE



Grand view of the stall of Lakshmi Machine Works Ltd. at ITMA – ASIA + CITME 2025, Singapore.



Mr. Diven Dembla, Managing Director of Precision Rubber Industries Pvt. Ltd., in its stall at ITMA – ASIA + CITME 2025, Singapore.



(From left) Mr. Andre Wissenberg, Head of Barmag Marketing, Corporate Communications and Publics Affairs & associates in its stall at ITMA – ASIA + CITME 2025, Singapore.



Mr. Gaurav Parmar, Director of Rimtex Group in its stall at ITMA – ASIA + CITME 2025, Singapore.



(From left) Mr. Sanket Pancholi, Director & Mr. Partha Pancholi, Director - Technical of Shriji Sparekraft Impex Pvt. Ltd. at ITMA – ASIA + CITME 2025, Singapore.



(From left) Mr. N. Ravikumar, VP Business Operations & Mr. A. Senthil Raja, Joint Managing Director of Ariser Engineering Pvt. Ltd. in its stall at ITMA – ASIA + CITME 2025, Singapore.

SOME ILLUSTRIOUS VIEWS WITH IMPORTANT VISITORS AT ITMA ASIA+CITME 2025, SINGAPORE



(From right) Mr. R. Vishnu Vardhan, Executive Director & Mr. Krishnamoorthy G, President -Sales of Autotex Pvt. Ltd. in its stall at ITMA – ASIA + CITME 2025 , Singapore.



Mr. J. M. Balaji, Vice President of Lakshmi Ring Travellers (Coimbatore) Pvt. Ltd., in its stall at ITMA – ASIA + CITME 2025 , Singapore



Grand view of the stall of Trützschler at ITMA – ASIA + CITME 2025 , Singapore.



(From left third) Mr. Chandresh Shah, Managing Director of Krsna Engineering Works with his foreign customers in its stall at ITMA – ASIA + CITME 2025 , Singapore.



Grand view of the stall of Colorjet at ITMA – ASIA + CITME 2025 , Singapore.



(From left) Mr. Rabbin Babel, Chief Executive Officer of B. Tex India & Mr. Pranav R. Jani, Managing Director of PR Texpro Pvt. Ltd. in the Btex's stall at ITMA – ASIA + CITME 2025 , Singapore.

SOME ILLUSTRIOUS VIEWS WITH IMPORTANT VISITORS AT ITMA ASIA+CITME 2025, SINGAPORE



(From right) Mrs. Amoli Shah, Director & Mr. Debasis Dutta, Export Manager of Prashant Group of Industries in its stall at ITMA – ASIA + CITME 2025 , Singapore.



(Middle) Mr. Dhandayuthapani (CD) Managing Director of Mag Solvics Pvt. Ltd. & his associates in its stall at ITMA – ASIA + CITME 2025 , Singapore.



Mr. R. Soundarajan, Director - Operations of Pinter Group, in its stall at ITMA – ASIA + CITME 2025 , Singapore.



(From Right) Mrs. U. Mary Rani, Manager (Admin & Exports), Mr. S. Malligarjunan, Managing Director, of Tex Tech Industries (India) Pvt. Ltd. with foreign customers in its stall at ITMA – ASIA + CITME 2025 , Singapore.



Mr. Amirreza Afshari, Managing Director of Ned Tex Co. Ltd., Iran of LGL stall at ITMA – ASIA + CITME 2025 , Singapore.



(From left) Mr. Rahul Shah & Mr. Prashant Shah, of Sumanlal J. Shah & Co. in its stall at ITMA – ASIA + CITME 2025 , Singapore.

SOME ILLUSTRIOUS VIEWS WITH IMPORTANT VISITORS AT ITMA ASIA+CITME 2025, SINGAPORE



Grand view of the stall of Rieter at ITMA – ASIA + CITME 2025 , Singapore.



(Middle) Mr. Senthil Kumar Managing Director of Simta Group of Companies & associates in its stall at ITMA – ASIA + CITME 2025 , Singapore



Mr. Sundaram TS, Jt. Managing Director of Super Machine Works Pvt. Ltd., in its stall at ITMA – ASIA + CITME 2025 , Singapore.



Mr. Jignesh Shroff, Managing Director of Mayur Reeds and Healds Pvt. Ltd. in its stall at ITMA – ASIA + CITME 2025 , Singapore.



(From left) Mr. Suhas Swant, GM Exports, Mr. Jugal Kishore Pansari Managing Director & Mr. Bhoopendra Nagpal, General Manager – Marketing (North & West Region) of Supertex Industries in its stall at ITMA – ASIA + CITME 2025 , Singapore.



Mr. K. N. Venkatasubramanian, of Chiven Spinning at ITMA – ASIA + CITME 2025 , Singapore.

SOME ILLUSTRIOUS VIEWS WITH IMPORTANT VISITORS AT ITMA ASIA+CITME 2025, SINGAPORE



(From left) Mr. V. Benny Jerald, Managing Director & Mr. V. Balasubramaniam, Managing Director of Mohler Machine Works Pvt. Ltd. in its stall at ITMA – ASIA + CITME 2025, Singapore.



(Extreme right) Mr. S. Jaya Prakash, CEO of Vetri Engineers & associates in its stall at ITMA – ASIA + CITME 2025, Singapore.



(From left) Mrs. Rekha Khaitan, Mr. Kishore Khaitan, Managing Director, Mr. L. R. Nishad, V. P. Marketing & Mr. Hemant Sharma, CTO of Basant Fibertek and associates in its stall at ITMA – ASIA + CITME 2025, Singapore.



(From left) Mr. Mrunal Kansara, Managing Director, of NIF Mechanical Works Pvt. Ltd. Mr. Gautam Ganeriwala of Sitaram Spinners Pvt. Ltd. in the stall of NIF Mechanical Works Pvt. Ltd. at ITMA – ASIA + CITME 2025, Singapore.



(From left) Mr. Ashwin Bhartia, Partner, Mr. Rajesh Bhartia, Partner & Ms. Anurika Bhartia, Export Executive of Mechano India (R.A) in its stall at ITMA – ASIA + CITME 2025, Singapore.



Mr. Hardeep Singh Chadha, Director of Mangal Singh Brothers Pvt. Ltd. at ITMA – ASIA + CITME 2025, Singapore.

SOME ILLUSTRIOUS VIEWS WITH IMPORTANT VISITORS AT ITMA ASIA+CITME 2025, SINGAPORE



(From right) Mrs. Radhika Bhagwati, Director, Mr. Avinash Kore, Manager & Mr. Ajay Joshirao, General Manager – Sales & Marketing of Inspiron Engineering Pvt. Ltd. in its stall at ITMA – ASIA + CITME 2025 , Singapore.



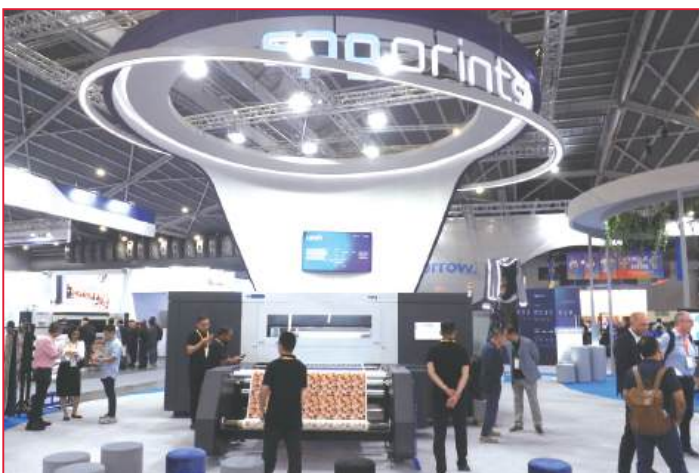
Mr. G. Radhakrishnan, Managing Director of Skaat Machine Works India Pvt. Ltd. in its stall at ITMA – ASIA + CITME 2025 , Singapore



Grand view of the stall of Uster at ITMA – ASIA + CITME 2025 , Singapore.



Mr. Mittal Patel, Managing Director of Dynamic Autolooms India Pvt. Ltd. at ITMA – ASIA + CITME 2025 , Singapore.



Grand view of the stall of Stovec Industries at ITMA – ASIA + CITME 2025 , Singapore.



Mr. Laxmikant Rathi, President – Sales & Marketing of The Indian Card Clothing Company Ltd. at ITMA – ASIA + CITME 2025 , Singapore.

Apex Textile Machinery & Spares Expo @ Coimbatore 2026



Largest Expo for Textile Machinery Accessories & Spares



March 6-9, 2026

CODISSIA Trade Fair Complex,
Coimbatore

**RUSH YOUR
BOOKINGS**

To Book Stall(s)....

- Step 1** Visit <http://www.simatexfair.org/book-your-stall/>
(OR) Scan the QR Code on the right side
- Step 2** Download the floor plan
- Step 3** Email your stall requirements to texfair@simamills.org
by mentioning the :Stall No & Area in Sq.mtrs

** Stalls marked in red are booked*

Note: Confirmation of stall no(s). is subject to availability and will be intimated through e-mail.

Website QR Code



The Southern India Mills' Association

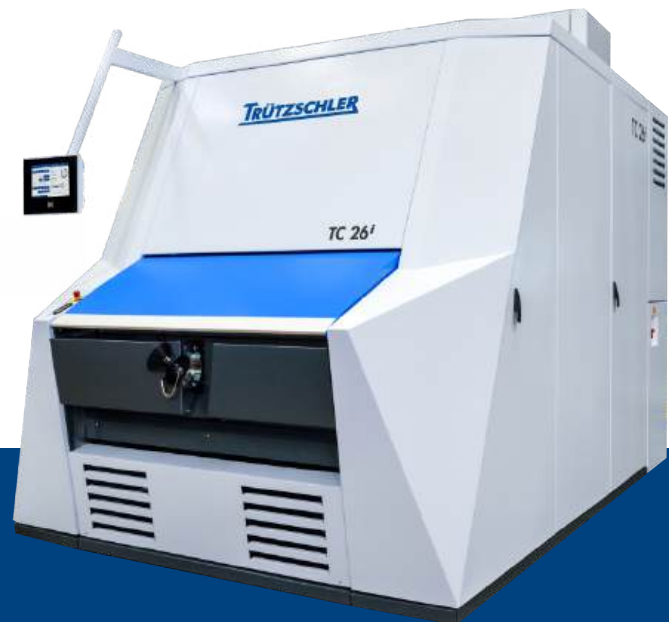
Coimbatore, Tamil Nadu, INDIA

Ph: 0422 - 4225333 E-mail: texfair@simamills.org

Website: www.simatexfair.org



THE INTELLIGENT CARD



Next-generation intelligent carding: **The TC 26ⁱ**

Operator-independent high performance with the only proven T-GO gap optimizer which ensures consistent and optimal carding gaps, resulting in multi-fold increases in quality and productivity levels. Intelligent automation using data from our proven T-CON 3 system.

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

TRÜTZSCHLER
SPINNING



ITMA ASIA + CITME 2025 REVIEW

Trützschler Group

With Introduction of T-CAN Trützschler revolutionised in a practical solution

Trützschler presented automated can transport system at ITMA Asia+CITME 2025 in Singapore

In virtually all spinning mills, transporting sliver cans is still done manually. Rising labor costs, lack of operators and increasing quality requirements make this a growing challenge. With T-CAN, Trützschler introduces a practical solution: a fully automated can transport system that will be presented live at ITMA ASIA 2025 in Singapore.

Efficient and reliable automation

T-CAN automates the transport of sliver cans between cards, breaker draw frames, and finisher draw frames – quickly and precisely. The system combines sliver cans with automated guided vehicles (AGVs) and a smart software interface that tracks every movement and places each can exactly where it belongs.



What T-CAN delivers

T-CAN minimizes manual handling and transport, supports continuous production (also at lunch breaks and night shifts), and ensures consistent quality through reliable material allocation. Therefore, mills benefit from lower labor costs, higher machine efficiency, and improved sliver quality – all with a system that adapts to your mill, not the other way around.

“With T-CAN, we’re responding to our customers’ needs for intelligent automation. Our goal was to create a solution that not only reduces operational costs but also enhances quality and consistency in sliver handling. It’s a leap forward in making spinning mills smarter.”

– Alexander Stampfer, CSO Trützschler Group.

Simple to use

Despite its advanced technology, T-CAN is easy to operate. The intuitive software interface requires only a few minutes of training and no prior expertise in robotics.



Scalable and future-ready

T-CAN is ideal for medium to large spinning mills with high output and automation goals. But thanks to its modular design, it’s also a smart choice for smaller mills looking to future-proof their processes. T-CAN is built to easily scale with your ambitions.



Proven performance

One of the first adopters of T-CAN was JINGYI, a spinning mill in Sheyang, China. After a successful pilot project, JINGYI placed an order to automate can transport for over 120 TC 26i cards and 240 draw frames. T-CAN has proven itself as a robust, reliable, and operator-friendly solution.

“We were impressed by the performance and reliability of T-CAN during the pilot phase. It has significantly improved our efficiency and reduced our staffing needs. That’s why we decided to implement it across our entire carding and draw frame section.”

ITMA ASIA + CITME 2025 REVIEW



– Mr. Peng Fujian, Deputy General Manager JINGYI Group.

Experience it live

Visit the Trützschler booth at ITMA ASIA 2025 in Singapore to see T-CAN in action, talk to our experts and discover how it can transform your production.



About the Trützschler Group:

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

regions for the textile processing industry. For more information visit: www.truetzschler.com

For further information, please contact:

Trützschler Group

phone: +49 2166 607-8052

email: maren.schubert@truetzschler.de

www.truetzschler.com



Uster Technologies AG

Uster showcased novelties at ITMA Asia+CITME 2025

There's news from Uster Technologies to be announced for the industry's upcoming event in Singapore. The Uster 360Q universe is growing with new products, solutions and services. Innovation developments can also be recorded in the fields of man-made fiber testing and fabric inspection. Uster innovations address the industry's trending topics as mill management and process control, optimization of delivered fabric quality and yield.

Presented for the first time two years ago at ITMA in Milan, Uster 360Q has attracted considerable interest, and FiberQ has proven itself in practice as a raw material management solution with profit potential. Under 360Q – and with the goal to empower spinners to achieve Think quality at the next level – Uster developed a further solution and tools.

Uster Fiber2Yarn for the great picture

Newly combining and correlating data of FiberQ – measured with Uster HVI – with data from Uster Quantum yarn clearers, spinners can learn about the influence of different raw material parameters on the end product quality. This highly sought-after information offers a great opportunity to optimize mixings and continuously achieve a higher level of quality consistency besides better control of the production process. The Uster Fiber2Yarn solution is available in two different views, like the correlations over time and the correlations over different mixings.

A wide range of valuable features and information can be found on the Uster 360Q Platform. Uster services are hosted on the cloud-based platform with a technology architecture that makes businesses more agile and cost-effective. Additionally, the cloud solutions enable



businesses to leverage AI and machine learning capabilities. The integration of Uster Intelligence – combining artificial intelligence with Uster’s expertise – is opening up new possibilities for spinners. Additional benefits include further advancements in the Uster Academy, such as the introduction of the Uster Chatbot and Wiki, providing direct and easy access to Uster know-how. The Academy’s e-learning portfolio has been expanded to serve a broader range of users.



Furthermore, the platform serves as a central access point for notifications and alerts. The Uster 360Q Platform is also where users – free of charge and with no license needed – find Uster news and the latest application literature. Also, the content provided earlier via the Uster Insights App will be integrated into the platform. And of course, the new Uster Statistics web app is part with all well-known functionality in a new format.

The simplicity of fabric quality control

Uster presented at ITMA Asia + CITME 2025 the brand-new Uster Fabriq Vision 2. The next generation fabric inspection system stands for reliable performance – also in challenging environments – and shows enhanced detection

capabilities. Both advantages result from the Smart Vision Camera 3 for high-performance in-camera image processing. Uster’s real-time process monitoring and quality inspection solution further convinces by simplified operation through Uster Intelligence-supported style creations as well as by image-based and supported visual setting adjustment for easier adaption.

Fabric producers need to ensure a consistently high rate of defect detection by automated control during final inspection. Uster Fabriq Vision 2 offers advanced process safety through the Super Inspection Mode for increased security, even after production, and consistent Uster Intelligence-supported quality decisions. The system’s ability finally allows fabric yield to be optimized and prevents claims – quickly set up and easy handled when fine tuning.



Fiber process control for cotton, synthetics and blends

Uster AFIS 6 has been launched earlier this year but will be presented at ITMA Asia + CITME in Singapore first time to an audience in Asia. The next-generation AFIS stands out by uniquely testing man-made fiber properties in addition to cotton in the same unit. It provides critical data to optimize fiber process control in spinning, paving the way for superior yarn quality and reduced waste.

AFIS 6 can be seamlessly integrated in the mills quality management regime by connecting to Uster Quality Expert and the integration of the Uster Statistics. The enhanced user experience

ITMA ASIA + CITME 2025 REVIEW

result from the new user interface and its various languages available is a key highlight. Another plus is simplified data analysis through the integral reporting functionality.

Not to be missed

The ITMA Asia + CITME 2025 also offered the opportunity to gain first-hand insights into the new features of the market-leading Uster yarn clearer. Quantum 4.0 introduces hairiness monitoring at an unmatched level. It will also be interesting to hear about the latest cooperations for ring spinning optimization (RSO). Besides the seamless integration of the Pinter Monitoring System, the Uster RSO 3D compatibility has been expanded and includes now Rieter and Savio winders, alongside continued support for Murata winders.

About Uster Technologies

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

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

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

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

Uster Technologies is headquartered in Uster, Switzerland and operates worldwide. The company has a global network of 7 subsidiaries, with 50 sales agents and local service stations around the world.

For further information, please contact:
Edith Aepli

On behalf of Uster Marketing Service
Uster Technologies AG
Sonnenbergstrasse 10, 8610 Uster, Switzerland
Phone : +41 43 366 38 80
Mobile : +41 79 91 602 91
edith.aepli@uster.com
www.uster.com



CHIVEN SPINNING

World's Largest Manufacturer of Compact Mesh Aprons

Astrosun China Introducing - Non Stick, Long Life DELIGHT PJ - Lattice apron for all types of Compact Systems

New DELIGHT PG 80 - APRON



After run 6 month DELIGHT PJ 80 mesh apron



Current Mesh Apron - Problem Fiber Sticking to The Surface



After run 6 month Normal mesh apron



- ◆ Nonstick- Easy clean - Mesh Apron
- ◆ Long Life - 2 times
- ◆ Low maintenance - Longer Cleaning cycles
- ◆ Huge Operator Saving
- ◆ Ring Frame Utilization improves due to less stoppage
- ◆ Faster payback
- ◆ Special coating - protected surfaces - easy smooth rotation
- ◆ Safe on the mango tube
- ◆ More consistent and stable running of Ring frame
- ◆ Available in all sizes for All compact systems

Wuxi Universal First Precision Technology Co Ltd, Wuxi P.R.China
T: 0086-(0) 510-88278302 | F: 0086-(0)51088236826
E: sales@wxufp.com

📍 B 26 Hudco Housing Unit, Near PSG Hospital, Peelamedu, Coimbatore - 641004, Tamilnadu , INDIA.
📞 +91 94861 61827 📠 0422- 2571988
✉ chivenspinning@rediffmail.com

www.chivenspinning.in



Mimaki's Europe B.V.

Elle-Erre – growing with Mimaki's Textile Printing Innovation

- ▶ Italian company Elle-Erre chooses Mimaki technology to drive its growth in digital textile and visual communications printing
- ▶ Now operating its third generation of Mimaki equipment, Elle-Erre has enhanced productivity, reduced waste, and expanded its offering across sportswear, and events

Italian company, Elle-Erre has established itself as a trusted name in textile and visual communications printing and specialises in producing high-quality printed materials for a variety of applications in the event industry, including large-format prints, advertising banners, and customised retail displays. Founded in 1992 and headquartered in Alzano Lombardo (Bergamo, Northern Italy), the business has grown through a commitment to Italian craftsmanship, innovation, and sustainable production. From its origins in producing high-quality graphics for events, advertising, and retail, Elle-Erre has evolved into a forward-thinking company equipped to meet the fast-changing demands of the modern print landscape.



Italian company Elle-Erre chooses Mimaki technology to drive its growth in digital textile and visual communications printing

As markets such as events, and sportswear increasingly called for personalised, high-speed, and environmentally conscious solutions, Elle-Erre recognised the need to future-proof

its operations. Staying competitive meant embracing technologies that could deliver quality and versatility at scale, without sacrificing sustainability. To meet these goals, Elle-Erre turned to Mimaki, a long-standing technology partner, and began a new chapter in its journey with the third generation of Mimaki's digital printing solutions.



Specialized in the production of high-quality printed materials for a variety of applications in the visual communication and events sectors, the company has equipped itself with cutting-edge technologies to meet the most dynamic demands of the contemporary market

Meeting the Demands of Modern Events and Sportswear

The events and sportswear industries have unique challenges. Brands require eye-catching designs, durability, colour consistency across jobs and quick turnaround times to stay competitive. Compounding these issues were growing environmental concerns, particularly around energy use and material waste during the sublimation process. Elle-Erre sought to differentiate itself by focusing on boosting its production processes to deliver not only high-quality textiles, but also innovative and sustainable solutions that cater to these industries. The company first turned to Mimaki's digital printing technologies in 2010 and has been expanding its digital printing equipment since. Among the latest investments - four TS330-1600 units.

Gianluca Rota, Owner of Elle-Erre, commented: "We chose Mimaki not only for the performance of its machines, but because we saw a partner aligned with our vision. Their technology evolves with the industry, and that's what makes it a long-term partnership for us".

ITMA ASIA + CITME 2025 REVIEW



The implementation of the new Mimaki equipment was strategically phased. The TS330-1600 printers were selected for their ability to manage everything from short-run samples to high-volume sportswear orders. The entire workflow was streamlined with Mimaki's TxLink4 RIP software, which allowed Elle-Erre to automate job setup, reduce manual processes, and ensure exceptional colour fidelity.



The investment in four Mimaki TS330-1600 units has enabled Elle-Erre to increase our production speed by 30 percent and reduce material costs by 20 percent, thanks to lower ink waste and improved resource efficiency

The impact of these investments was immediate. Elle-Erre significantly expanded its production capabilities, enabling 24/7 operations with reduced staffing needs. The vividness and consistency of their prints became a key differentiator, often remarked upon by clients. Waste levels dropped, setup times were reduced, and repeat orders increased by 30% within six months of installation. Mimaki's core technologies – including MAPS4 and Nozzle Recovery System – played a crucial role in improving efficiency and print reliability while helping the company meet its sustainability targets. "Our clients value both innovation and responsibility," Gianluca Rota added. "With Mimaki's sublimation technology and sustainable inks, we are not just meeting production goals – we are also supporting a future-oriented brand identity that speaks to today's conscious consumers".

Business Growth and Enhanced Client Satisfaction

In a highly competitive market, Elle-Erre has built its success on delivering customisation, quality, and fast turnaround times. The

integration of Mimaki's advanced technology has enabled the company to continue innovating while reinforcing its leadership in the Italian print industry. The enhanced print speed, quality, and versatility achieved through Mimaki's solutions have allowed Elle-Erre to take on more complex and creative projects across retail and events, serving a growing client base that values precision and originality.

Reflecting on this transformation, Rota, said: "Since implementing Mimaki technology, we have seen remarkable improvements in both operational efficiency and customer satisfaction. We can now produce vibrant, durable, and customisable print products with greater speed and precision. The investment has allowed us to increase our production speed by 30 percent and reduce material costs by 20 percent, thanks to lower ink waste and improved resource efficiency. Most importantly, it has helped us elevate our creativity and meet the high standards our clients expect."

With Mimaki's printing technology at the heart of its production, Elle-Erre is not only meeting the expectations of today's print industry – it is helping to define its future. With Mimaki's technology, Elle-Erre is well-positioned to continue delivering exceptional and environmentally friendly print products that exemplify Italian craftsmanship.

About Mimaki

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



For further information, please contact:

Danna Drion

General Manager Marketing,

Mimaki Europe B.V.,

Tel: +31 20 462 79 42

email: d.drion@emea.mimaki.com

Ivan Lesmana,

Communication Coordinator EMEA,

Mimaki Europe B.V.,

Tel: +31 20 462 79 42

email: i.lesmana@emea.mimaki.com

Clare Porter

Associate Director, Bespoke

Tel: +44 1737 215200

e-mail: clare@bespoke.co.uk



SAITEX

SAITEX makes public 2024 Impact Report, Showing Decarbonization at Scale and Industry-Leading Circularity

The Vietnam and U.S. based apparel manufacturer reports double-digit production growth while reducing emissions per garment by 18% and scaling renewable energy, water recycling, circularity and social stewardship programs.



SAITEX, a global pioneer in sustainable apparel and denim manufacturing, has released its 2024 Impact Report, highlighting measurable progress toward net-zero operations, renewable energy expansion, and community-driven innovation across its vertically integrated platforms. Even though production grew by 25% in their apparel manufacturing division and grew by 124% at their denim mill, the company cut

carbon emissions by 18% and 16% respectively. They also advanced existing closed-loop water systems and expanded social and circularity programs, demonstrating what clean fashion manufacturing can look like in the 21st century.

“Our mission has never been about incremental change, but about systemic transformation,” said Sanjeev Bahl, Founder and CEO of SAITEX. “Our 2024 results exhibit that scale and sustainability are not in conflict. We’ve demonstrated growth can align with measurable reductions in carbon, water, and waste. As a vertically integrated ecosystem, we’re committed to sharing both our successes and shortcomings transparently.



Since its inception in 2001, SAITEX, regarded as the ‘cleanest denim factory in the world’, has been grounded in purpose and driven by a mission to improve social and environmental practices in the apparel manufacturing space. Over the years, the organization has organically evolved from an apparel manufacturer into an ecosystem which currently includes: Saitex Apparel Manufacturing in Vietnam (2006) & USA (2021), Saitex Fabric Mill with its own spinning in Vietnam (2022), STELAPOP upcycling (2019), REKUT (2019), and Atelier & Repairs (2021). All of these entities share the same vision and work jointly to redefine the way we make and [re]use denim.

- ▶ [IMPACT REPORT ATTACHED](#)
- ▶ [Download: SAITEX IMPACT REPORT INFOGRAPHICS](#)
- ▶ [Download: IMAGES OF SAITEX \(Vietnam, USA and Mill\)](#)

ITMA ASIA + CITME 2025 REVIEW



Key 2024 Impact Report Highlights

(SAITEX reports with full transparency on areas requiring continued focus)

Apparel Manufacturing (Vietnam)

- ▶ **Production & Energy:** Production output increased 25% Year over Year, with electricity use per garment went down by 6,8% while emissions per garment decreased by 18% (5,56 → 4,56 kg CO₂e per garment).
- ▶ **Carbon Offsetting:** In 2024, 8647 trees were planted through a partnership with Gaia Nature Conservation program, contributing to a cumulative target of 139 783 trees by 2027. Combined with solar expansion, this supported a 35% CO₂ offset in 2024. Furthermore the Gaia partnership also advances biodiversity, soil health, and community livelihoods.



- ▶ **Steam & Gas:** Steam per garment down by 26,8%; gas use up by 16% due to 3D fashion and coating processes demand. Mitigation planned via switch from MPG to solar powered operations as rollout expands.
- ▶ **Water & Wastewater:** Water use per garment up by 7,3% and wastewater discharge up by 21,4%, linked to scheduled RO filter replacement (June 2025). Laundry remains closed-loop since 2016, recycling 98% of water.
- ▶ **Waste & Circularity:** Waste increased by 1,1% due to new chemistry testing. Fixes include repurposing 40% of sludge into bricks/blocks and scaling STELAPOP's NFC-powered upcycling program.

Denim Mill (Vietnam)

- ▶ **Production & Energy:** Production output increased by 124%, with electricity use per meter down by 16% and emissions per meter down by 18% (4,04 → 3,31 kg CO₂e per meter).
- ▶ **Energy Mix:** Achieved 70% renewable energy (34% onsite solar, rest coming from industrial park).
- ▶ **Water:** The Mill is preparing to install a closed-loop wastewater system by Nov 2025, aiming for minimal freshwater input.
- ▶ **Waste:** Waste dropped by 8%, with 92% of being recycled.
- ▶ **Certification:** Mill became a bluesign® System Partner (Nov 2024) where 18% of fabrics are bluesign® certified fabrics allowing for seamless integration into already certified bluesign® apparel

BEA ELECTRONICS
A unit of Fancytex Global Pvt. Ltd.

A trusted name in the field of
Slub/Fancy yarn making
equipments

SLUB-O-GENERATOR
Reliable quality, remarkable
performance and best after sale
service

12-B Indl. Estate, Birla Nagar,
Gwalior - 474004 (M.P.) India

+91 93011 01572
+91 92291 14438
info@fancytex.com
skaushik@fancytex.com
www.beaelectronics.com



manufacturing. Thanks to this, brands have an opportunity to produce fully certified bluesign® garments.

Human & Community Impact (Across all operations)

- ▶ Community Outreach: Programs expanded by 60%, reaching 13 245 people through Every Drop Counts (launched 2019), 4Ps (2005), Clean Water Project (2024), and other education initiatives.
- ▶ Workforce Inclusion: REKUT program continues to integrate disabled workers into core production lines.
- ▶ Community Impact: Introduced Gaia x Saitex employee initiative called Transforming Used Items to Trees Gaia Project.

Traceability & Data

- ▶ LCAs: Ongoing Life Cycle Assessments since 2019. In 2024, mill LCAs migrated to Made2Flow for more granular data assessments. Garment LCAs will be consolidated in Q1 2025 put under the same umbrella due to contractual agreements.
- ▶ Digital Product Passports: Rolled out for brand partners in 2023, providing higher transparency and compliance readiness.



Areas for Improvement & Next Steps:

- ▶ Gas Usage (increased 16%): Driven by higher energy needs of 3D processes; addressed through process optimization, electrification and designer education. Planned to switch from LPG powered operation to solar powered with future solar expansion.
- ▶ Water & Wastewater (increased by 7,29% / increased by 21,4%): Temporary increases

tied to reverse osmosis filter maintenance; updated system fix scheduled for June 2025.

- ▶ Waste (increased by 1,1%): Increase linked to expanded chemistry testing; mitigation includes reuse initiatives and scaling up STELAPOP.
- ▶ Labor Practices: Internal audit flagged 27 cases of undeclared Sunday work. Fixes implemented and improved by digital overtime tracking, worker retraining, quarterly compliance audits, and updated bonus systems. All workers have been fully compensated.

Forward-Looking Goals

- ▶ Apparel Manufacturing (Vietnam): 100% renewable energy by 2027; with progress towards 35% on-site solar by end of 2026.
- ▶ Denim Mill (Vietnam): Closed-loop wastewater with minimal fresh water input by end of 2025; aiming for net-zero operations by 2030.
- ▶ System-wide: Expansion of circular STELAPOP materials, using NFC-powered trims, and carbon-positive ambitions.

About SAITEX:

SAITEX is the world’s leading sustainable apparel manufacturer, combining vertically integrated facilities in Vietnam and the U.S. with pioneering circular initiatives including the STELAPOP upcycling lab, REKUT workforce inclusion program, and Atelier & Repairs. A certified bluesign® System Partner and B-Corp®, SAITEX partners with global brands to produce apparel and textiles that advance social equity, environmental stewardship, and scalable innovation. For more information, visit www.sai-tex.com.

For further information, please contact:

Kenneth Loo
Co-Founder, CEO, Saitex
Chapter 2
New York, Los Angeles



Marzoli Textile Machinery Manufacturing Pvt. Ltd.

Marzoli releases Monthly Magazine — October 2025

1. Marzoli's Achievements about :
 - a. Products
 - b. Digital Transformation
2. India Market Information
 - a. Textile Industry
 - b. Money Trend for September 2025
3. Camozzi Group Achievements

More details about our Products : Marzoli Textile Engineering - Products

"Technology is the bridge between today's challenges and tomorrow's solutions."

We are thrilled to announce our participation at ITMA Asia Singapore, taken place in Singapore from 28 to 31 October 2025.

Marzoli Achievements:

Marzoli at ITMA Asia Singapore 2025 We are thrilled to announce our participation at ITMA Asia Singapore, taking place in Singapore from 28 to 31 October 2025.

You'll find us in Hall 3 - Booth D301.

Under the claim "Design to impact. Turning advanced solutions into strategic advantage", we will showcase how Marzoli empowers textile professionals to:

- Move faster
- Work smarter
- Build a more sustainable industry



Join us and discover the advanced solutions that are shaping the future of textile manufacturing.

Maximizing Space Utilization: The Key to Higher Productivity and Lower Costs

Optimizing space is crucial in textile manufacturing, and the Marzoli roving frames take it to the next level. Thanks to a compact headstock, thinner tubes, and an increased number of spindles (up to 240 on the FT60 and 192 on the FT70), they deliver significant advantages:

- ▶ Higher Productivity: More production with the same number of machines, fewer doffing cycles, and maximized spindle capacity.
- ▶ Investment Savings: Fewer machines are needed to reach the target production, reducing the investment.
- ▶ Lower Operational Costs: Less maintenance, reduced fixed costs, and no need for suction, leading to energy savings of up to 4 kW per hour.



Marzoli - Engineering the Circular Future of Textile - Sustainable. Smart. Profitable.

Marzoli offers complete mechanical recycling solutions for the textile industry, helping spinning mills and fiber processors reclaim high-quality fibers from waste — efficiently and sustainably.

Key Technologies

Recycling Waste Re -Opener (RWR)

- ▶ Gently opens clean waste materials (slivers, roving ends, machine trimmings) into reusable fiber.
- ▶ Maintains fiber length and integrity for reintroduction into blending.
- ▶ Throughput: ~25 kg/h | Working Width: 286 mm | Power: 1.37 kW.

Trash Analyzer

- ▶ Real-time waste composition analysis (fiber vs. trash content).



- ▶ Enables mills to adjust cleaning intensity and reduce fiber loss.
- ▶ Accuracy: ±0.01 g | Integrated camera-based monitoring.

Intensive Clearing Brush (IC B)

- ▶ Deep -cleans carding flats between lots or color changes.
- ▶ Prevents contamination and improves the purity of recovered fibers.
- ▶ Compact design with integrated suction.

Benefits for Spinning Mills

- ▶ Raw Material Savings – Reuse up to 10 -15% of clean waste fiber.
- ▶ Process Optimization – Data-driven control of cleaning and waste reduction.
- ▶ Reduced Downtime – Cleaner cards, longer maintenance cycles.
- ▶ Lower Carbon Footprint – Less virgin cotton required, aligning with ESG & SDG goals.
- ▶ Digital Integration – Compatible with Marzoli MRM (Machine Remote Maintenance) and YarNet (Production Monitoring).



Textile India Market:

Major Government Initiatives in Textile Manufacturing

India eyes record cotton buying as imports, US tariffs dampen prices India is expected to purchase a record volume of cotton from farmers in the upcoming season, as domestic prices face pressure from cheaper imports

- ▶ Due to weakened domestic prices (from cheaper imports and export demand

decline), the Cotton Corporation of India (CCI) is expected to procure a record volume, estimated at up to 14 million bales.

- ▶ The government has raised its procurement price (MSP) by 7.8% to ₹8,110 per 100 kg to support farmer incomes amid price pressure.

Textile Ministry revises PLI Scheme to boost investments and ease industry challenges The Ministry of Textiles on Thursday announced significant amendments to the Production Linked Incentive (PLI) Scheme for textile products, aiming to address industry challenges and encourage fresh investments.



- ▶ The Ministry of Textiles announced amendments to the Production Linked Incentive (PLI) scheme for MMF apparel, fabrics, and technical textiles.
- ▶ Changes include lowering the minimum investment threshold (Part-1 projects from ₹300 to ₹150 crore; Part-2 from ₹100 to ₹50 crore) and reducing incremental turnover criteria from 25% to 10%.

Camozzi Group – Achievements:

Camozzi Automation

GRIPfit: The Future of Push-In Fittings

Camozzi Automation introduces GRIPfit, the new push-in fittings series designed to combine efficiency, versatility, and sustainability across multiple industries.

Why Choose GRIPfit?

Bio-based materials, proven reliability

Manufactured in PA11 bio-sourced techno polymer, GRIPfit is lightweight, space-saving, and fully compliant with international directives.

ITMA ASIA + CITME 2025 REVIEW

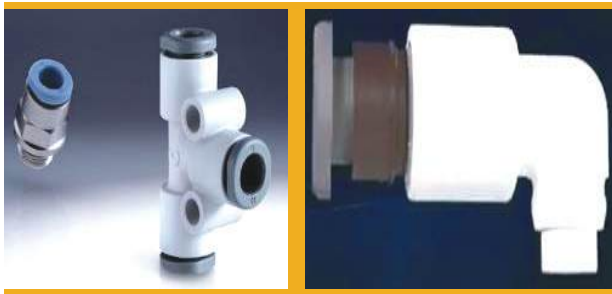


Fast, clean, and safe connection

The stainless steel gripping ring ensures quick assembly and disassembly while reducing tube wear.

Certified sustainability

Compliant with RoHS, REACH, and ISO 14743 standards, GRIPfit helps future-proof industrial systems.



Long lifecycle, low waste

Designed for repeated use in dynamic conditions without compromising sealing performance.

For more details: Camozzi Automation Push-in Fittings | GRIPfit

Participation in Major Exhibitions

- ▶ Camozzi’s machine tools (Ingersoll / Innse-Berardi) exhibited at EMO Hannover 2025, Hall 13, Booths A24/B23 (22–26 September) en.automation.camozzi.com+1
- ▶ Camozzi Automation participated in PackExpo 2025 (Sept 29 – Oct 1, Las Vegas), where they will showcase electric actuation, proportional technology, pneumatic solutions, and more. us.automation.camozzi.com.

For further information, please contact:

Marzoli Textiles Machinery Manufacturers Pvt. Ltd
 Door No. SF 143/1, 144/1,146
 SNMV College Road, Malumichampatti
 Coimbatore, Tamil Nadu-641050, India
 Email : admin@marzoli.in
 Web : www.marzoli.it
 CIN No. : U29253KA201 1PTC058597



Full power towards perfection.

Achieve superior quality control with high-end testing equipment.

STAPLE FIBER

FILAMENT YARN

NONWOVENS

PLASTIC FILM



Titer (dtx/den)



Wet abrasion



Spin finish (OPU, FOY)



Tenacity, elongation



TRUSTED
 TEXTILE
 TESTING

LABORATORY

AT-LINE

ONLINE

www.lenzing-instruments.com

India: TIRUPATI TECHNIK
tirupatitechnik@gmail.com

Tel.: (022) 6666 1770

Contact us
 for tailored
 solutions:

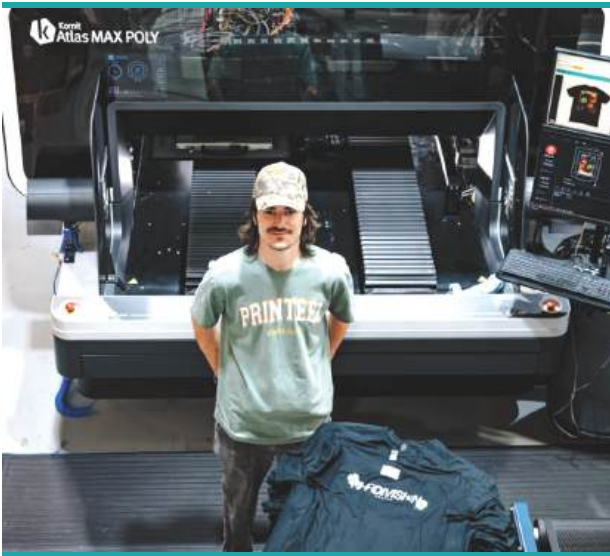




Kornit Digital

Custom Apparel Pioneer picks up Growth with Kornit Atlas MAX POLY to Replace Screen Printing in Sportswear

Kornit Digital LTD. (NASDAQ: KRNT) (“Kornit” or the “Company”), a global pioneer in sustainable, on-demand digital fashion and textile production technologies, announced today that Printeez, Inc. is the latest custom apparel leader to transition production volumes from screen printing to high-quality, on-demand digital production with Kornit Atlas MAX POLY systems.



Printeez, headquartered in Quebec, service brands, creators, franchises, and sports teams across North America. Specializing in polyester and blended blanks, the company delivers vibrant apparel for professional sports, nonprofits, and top eCommerce sites without minimum order constraints. Its on-demand infrastructure enables rapid order-to-delivery, scalability, and retail-grade quality at speed. Following its initial investment in two Atlas MAX POLY systems earlier this year, Printeez has now expanded to four – virtually eliminating reliance on traditional screen printing. With Kornit at the center of its production, Printeez is cutting labor costs, reducing manual steps, and accelerating turnaround for customers. “Printeez was born out of a passion to disrupt and transform the future

of the apparel industry,” said Shawn Sckoropad, Founder and Chief Executive Officer at Printeez. “Our mission is to build a true retail-grade print-on-demand solution for individuals and major



brands alike. Kornit gives us the technology to realize this vision. Together, we’re building our US-based production facility and scaling our platform to serve more than 10,000 users.” “The sports and apparel industry is under tremendous pressure to deliver rapid turnaround with a retail-like experience,” said Ilan Elad, President of the Americas at Kornit Digital. “Too often,



they remain tied to outdated screen technology. With Kornit, companies like Printeez are meeting demand with the speed, customization, and quality today’s market requires – especially in

ITMA ASIA + CITME 2025 REVIEW



the growing sportswear segment where polyester dominates.”



He continued, “We’re proud to support young entrepreneurs and family-based businesses like Printeez focusing on quality and quick turnaround. Together we’re streamlining labor costs and more quickly achieving their vision of becoming THE premium platform for modern brands.” Discover how Kornit Atlas MAX POLY is helping businesses like Printeez, Inc. transform their apparel production capabilities. Please visit www.kornit.com to learn more.

About Kornit Digital

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

For further information, please contact:

Craig Librett

Public Relations, Kornit Digital

Craig.librett@kornit.com

Ingrid Van Loocke

Public Relations – Europe

ingrid@pr4u.be



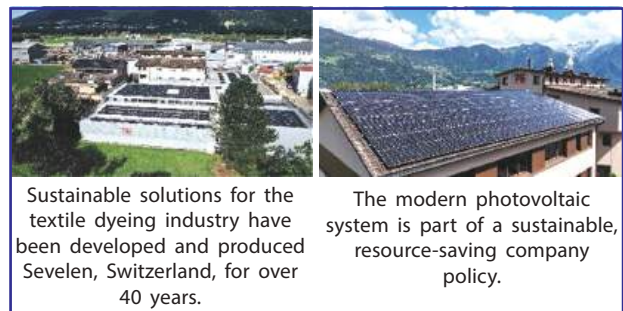
Abopr Pressedienst B.V.

Preliminary report on ITMA ASIA + CITME 2025 in Singapore (28 to 31 October)

Reducing the carbon footprint is becoming more important: Swiss company exhibits new technologies for lowering water and energy consumption

The textile industry continues to come under pressure, sustainability is becoming a key competitive factor

The textile industry is one of the biggest consumers of water globally, requiring approximately 93 billion cubic meters annually. This is equivalent to around 4% of the total freshwater consumed worldwide. The industry is facing increasing criticism as a result and is coming under pressure. Sustainability is therefore no longer just about image, but is a key competitive factor for textile manufacturers. Companies across the entire textile chain with a sole focus on conventional processes will have to address sales issues over the medium term



Sustainable solutions for the textile dyeing industry have been developed and produced Sevelen, Switzerland, for over 40 years.

The modern photovoltaic system is part of a sustainable, resource-saving company policy.

and will be faced with ever greater regulatory pressure. At the trade fair in Singapore, the Swiss company Textilcolor AG is showcasing how textile treatments still fit for the future. Technologies such as EcoDye and EcoFix enable the company to reduce water consumption by up to 71 %. These processes also allow the amount of fossil-fuel energy used to be reduced by up to half of the previous level across the entire production process. The results achieved speak for themselves. They allow a significant reduction in the carbon footprint and provide an advantage in terms of innovation for an industry currently in the midst of an ecological transformation.



ITMA Asia + CITME 2025 is regarded as one of the leading trade fairs in textile and clothing manufacture in the Asian region. “We have always stood for innovative, sustainable and high-quality solutions in textile chemistry,” explains Detlef Fischer, CEO of Textilcolor AG. “For us, the trade fair in Singapore is the right platform for effectively showcasing our technologies as part of a future-focused industry”. The slogan for this year's trade fair is ‘ECO Performance Technologies from Switzerland’. Sustainability is firmly established within the corporate philosophy – the company has always developed technologies which lower resource consumption and which continue to reduce the carbon footprint of textile production. One particular focus is on using raw materials from renewable sources. An example of this is the use of plant-based oils in order to conserve fossil resources as much as possible. In many parts of the world, freshwater is in increasingly short supply; companies are having to be ever more focussed on using this element in a sustainable way. The company has also led the market here in the development of water-saving technologies.



The development of new solutions and products has been the focus of Textilcolor AG's activity since the company was formed.

Production processes are made more effective and economical as a result of innovative processes such as EcoDye.

Future developments are increasingly focused on sustainable and resource-saving technologies

Under the EcoDye label, a process has been developed which is specifically tailored to the requirements of PES dyeing processes. Textilcolor AG was the first company in the world to successfully launch this product onto the market. The optimisation and enhancement of EcoDye has continued ever since in order to guarantee a sustainable and efficient dyeing technology

and to facilitate its ongoing development. It reduces water consumption by up to 71%, and at least 34% less energy is used in the polyester dyeing (PES) process. These resource savings mean it is regarded as one of the most efficient and environmentally-friendly dyeing systems in synthetic textile dyeing, with the smallest carbon footprint. With the EcoDye process, specific work steps can be removed (e.g. prewash), a shorter heating rate means the dyeing process can be accelerated and subsequent treatment processes



Textilcolor's product range covers the entire textile process chain.

can be reduced. Use of this method means that, for the customer, the duration of the process is significantly shorter. One specific advantage for users is that the EcoDye process can be used with pre-existing recipes. All EcoDye components are bluesign®-approved. When combined with other technologies from the Swiss company – such as EcoFix and EcoThren, two rapid dyeing processes for reactive and vat dyeing – the reduction in the rinse baths required enables a time-saving of up to 40%. Production output can also be significantly increased, marked reductions in manufacturing costs can then be achieved and product quality can be improved. For safeguarding the entire process and for ensuring optimal dyeing results, Textilcolor has the appropriate products in its range such as levelling and dispersing agents. Other speciality products preventing the agglomeration of oligomers or for reductive after-clearing complete the product range. These products ensure the

ITMA ASIA + CITME 2025 REVIEW



stability and reliability of the entire dyeing process on an ongoing basis. At the trade fair, Textilcolor AG will also have other proven technologies available such as EcoPhob, a PFC-free hydrophobicity solution. EcoPhob EXT is also an environmentally friendly product with an excellent hydrophobic effect. It is suitable for use generally with all types of fibre and, for example, has excellent washing resistance. The product also consists of the maximum possible proportion of renewable raw materials. It can also be used for manufacturing textiles which meet the requirements for class 1 products under the Öko-Tex standard.



As part of the corporate philosophy, the company is developing technologies to conserve resources and reduce the carbon footprint.

Wide-ranging offer covering the entire textile process chain

Textilcolor AG is not only known for manufacturing all products in accordance with strict ecological and sustainability standards. The continual development of new products and solutions is indicative of the company's leading role in the market. These are frequently tailored to the wide range of processing requirements – often in close collaboration with customers. The broad product range has now become a further feature of the company. In contrast to other suppliers, which generally only offer products for individual processes, Textilcolor covers the entire textile process chain. The broad product range covers all steps from pre-treatment, printing and dyeing, finishing and coating, to pigmentation and optical brighteners. This also underlines Textilcolor AG's commitment, as a solution provider, to environmentally-friendly, efficient and future-oriented textile production.

TEXTILCOLOR AG was founded in 1978 in Buchs, Switzerland, and is now a company operating internationally. Over time, the company's consistent growth meant further expansion of production facilities and laboratories and ongoing investment in environmental facilities. The formation of TEXTILCOLOR HOLDING AG in 1990 brought together a number of subsidiaries under one roof. Quality certification under ISO 9001 and 14001 then followed from the mid-1990s. The company was the first in Switzerland to implement a wastewater treatment plant based on the biomembrane process. Ongoing investment followed, from 2000 onwards, in production facilities, a sustainable energy supply as well as in company-wide infrastructure. By establishing international ventures in Germany, Turkey, India, Italy, Belgium and Brazil, the company was able to expand its global presence. The development of a proprietary app – the Textilcolor-App – allowed the company to underline its focus on innovation and customer proximity. 2017 marked the start of a new strategic orientation under the slogan of “We sure know textiles”. In 2023, Textilcolor celebrated its 45th anniversary. As a manufacturer of speciality chemicals, dyes and pigments, the company has a broad product range. The company places a particular emphasis on sustainable and environmentally friendly solutions – it has a global presence, a modern infrastructure and a clear focus on the future.

For further information, please contact:

Textilcolor AG

**Industriestrasse 5, CH-9475 Sevelen,
Switzerland**

Tel.: +41 (0) 81 786 11 -11

Email: mail@textilcolor.ch

Online: www.textilcolor.ch

Further information for editors

ABOPR Pressedienst B.V.

**Stefan-George-Ring 19, 81929 Munich,
Germany**

Tel.: +49 (0) 89 500 315-20

Fax: +49 (0) 89 500 315-15

Email: info@abopr.de, Online: www.abopr.de □



Rimtex Group of Industries

Rimtex Sets New Standards at ITMA Asia 2025, Elevating the Spinning Industry to the Next Level

Rimtex concluded its participation at ITMA Asia 2025 on a high note, reinforcing its leadership in sliver management. The Rimtex Innovation Pavilion attracted industry stalwarts, mill owners, technologists, and global stakeholders - all eager to experience firsthand the breakthrough solutions shaping the next phase of yarn manufacturing.

Pi Score places the spinner at the centre of the innovation matrix

At the forefront of the display was the Pi Score, an entirely new concept developed by the research team at Rimtex. Pi Score ushers in a revolutionary shift in the way mills perceive the role of the spinning can. Backed by years of manufacturing experience, global exposure and in-depth knowledge of yarn manufacturing processes, Rimtex has established a scientific way to quantify the critical parameters influencing sliver management through a single Pi score – a first in the industry. Visitors appreciated its transparency, logic and relevance, calling it a paradigm shift in how mills will evaluate sliver-handling performance in the future. Rimtex had set up a special demonstration for mills to discover their Pi Score, and visitors clearly benefited from this. For many, Pi Score emerged as the highlight of the event, an ‘eyeopener’ as described by many visitors.

Rimtex redefines standards in sliver handling, yet again

Another major crowd-puller was the launch of the all-new SUMO Spinning Can range. A complete size range, SUMO spinning cans are now available for all types of spinning - Ring Spinning, Open-End and Airjet. The SUMO Cans come with multiple advantages and upto 10% more sliver loading capacity. Spinners are encouraged to get in touch with company to understand this Spinning Can, since the gains are much more than what can be listed. At the show, many spinners expressed strong interest in implementing the new SUMO variants, recognising their significant impact.

With WIZCAN, Rimtex shows the way forward

The company also showcased the latest progress of WIZCAN – the world’s first sliver intelligence system, which is now successfully running in leading spinning mills in India. Its ability to track, predict, prevent, and manage sliver-handling in real time impressed visitors seeking automation-ready solutions. The project showcase played at the pavilion sparked numerous discussions about large-scale deployments and deeper integration within mill ecosystems.

Simplified Automation with Sliver Bot

While Automation was the talk all-around this time, Rimtex’s Sliver Can Navigation Robot, a sliver can transportation system designed to make automation accessible for mills of all sizes, made considerable waves at the event. From seamless delivery-on-demand to precise navigation and smart decision making, Sliver Bot empowers yarn manufacturers to optimise their operations and enhance productivity. The demo highlighted its adaptability and efficiency - further establishing Rimtex as a pioneer in accessible innovation. The Sliver Bot is designed and manufactured by Rimtex in India.

The X-Axis demonstrates new possibilities in Ring-spinning

The X-Axis segment attracted deep interest, with spinners engaging closely with the team’s research-driven perspective on Spinning Wellness. Many visitors acknowledged how the division’s scientific approach to Rings & Travellers selection-rooted in data, trials and application-specific compatibility is helping mills reduce yarn damage, improve parameters, and unlock higher profitability. What impressed spinners most was the clarity with which the X-Axis team demonstrated that Rings & Travellers are not shelf items but critical performance components. Several mills expressed interest, validating the growing relevance of the Spinning Wellness concept.

Durable & Reliable Kalpar Castors

Kalpar Castors showcased their durable, dust-free castor wheels, widely appreciated for their ability to reduce machine stoppages and ensure smooth material movement in demanding textile

ITMA ASIA + CITME 2025 REVIEW



environments. Visitors appreciated their long working life and reduced replacement need - key factors for choosing castors. This reliability of Kalpar Castors continues to make them a preferred choice for textile mills worldwide.

Throughout the event, Rintex's pavilion remained among the most active hubs at ITMA Asia 2025. Leading spinners recognised the company's unwavering commitment to moving the industry forward. The volume of inquiries, deep technical discussions and project interest reinforced Rintex's reputation as the global authority in sliver management and yarn quality optimisation.

With such a positive response, Rintex looks ahead with confidence. The future of spinning is poised for transformative change - and Rintex stands ready to lead that evolution.

For further information please contact :

Rintex Group of Industries
Wadhwan-363035, Gujarat, India
Mobile : +91 99785 51691
Phone : +91 2752 241088/243322
Fax : +91 2752 243726
E-mail : ganesh@rintex.com □

Vetri Engineers

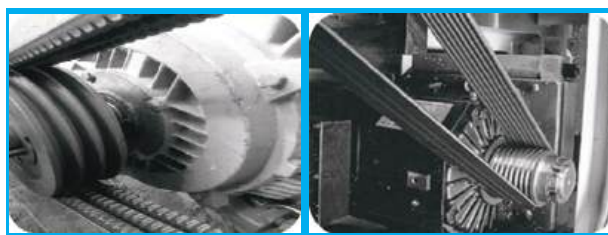
Vetri engineers rolls out energy conservation facilities and productivity-driving management practices at ITMA ASIA+CITME-2025

Vetri engineers based in Coimbatore has made a distinct shape introducing its cutting-edge technology in manufacturing top-rollers and textile spinning replacement spares. By bringing in latest technology with 33 years of experiences in textile engineering industry Vetri aims to build trust of client on its products.

Now, textile industry is passing through turbulent period across the world, but Vetri Engineers is well prepared to face any emerging challenge with its world class expertise. Vetri emphasizes on building long term relationship with foreign clients, therefore the company is still able to hold international market with reputation. Amid a new way of digital revolution, Vetri stands out at the fore front of strategic transformation.

Focus on energy conservation

Under the Vetri Energy Management Services (VEMS) energy usage assessment is carried out along with customized suggestion and modification to improve efficiency and reduce electricity consumption. Reduced electricity and fuel bills minimize operational costs in factories and offices. Less energy use leads lower greenhouse gas emissions; eventually brings in less pollution and improves public health.



Exhibits at ITMA ASIA+CITME-2025, Singapore

Vetri launched Vetri Engineering Management Services (VEMS) at ITMA ASIA+CITME-2025, Singapore to meet urgent global needs for sustainability. Company moves beyond its capacity to combat pressing challenges emerging out of ongoing tough phase. The company also showcased its wide range of top rollers and textile spinning replacement spares in this mega exhibition. Vetri's regular participations at international exhibitions including ITMA ASIA+CITME-2025 is boosting the company's business growth and reputation.

Global expansion of Vetri's business

Vetri Engineers today exports its world class product made with cutting technology to multiple developed and developing nations including USA. Vetri gets very positive feedback from foreign buyers over its quality products which inspires the company to provide more qualitative products and services.

For further information, please contact :

Vetri Engineers
348, Sri Lakshmi Nagar 2,
Thanneer Pandal,
Peelamedu, Coimbatore-641004
Phone : 0422-2513340/50/80, 2513621
Mobile : 77080 40900
E-mail:hr@vetriengineers.com,
vetrimail@yahoo.co.in
Website : www.vetriengineers.com ■

Crealet AG

A closer Look at Warp Yarn Creels – Terminology, Functions, and Use



Creels, Weaving Creels, Warp Beam Stands & Multi-Warp Beam Creels

In weaving, different arrangements and holders for yarn carriers are essential, especially outside and behind the loom. Below is an overview of the weaving terminology, their functions, and their use in the waving process:

Creels for Warp Preparation

We supply creels for warping and beaming machines, which can be flexibly adapted and equipped with high-quality yarn tensioning devices – ensuring smooth processes and maximum efficiency.

Weaving Creels

Weaving creels are developed specifically for weaving operations and are used with both narrow and wide looms. They ensure even unwinding of the warp material and precise feeding of warp yarns to the warp delivery rollers, which are integrated into the CREALET delivery system.

Together with our partners, we specify weaving creels to provide the best solution in combination with the delivery system.

CREALET Delivery Systems

Our delivery systems ensure precise, even, and controlled feeding of warp yarns between the weaving creel and the weaving machine.

Key Advantages:

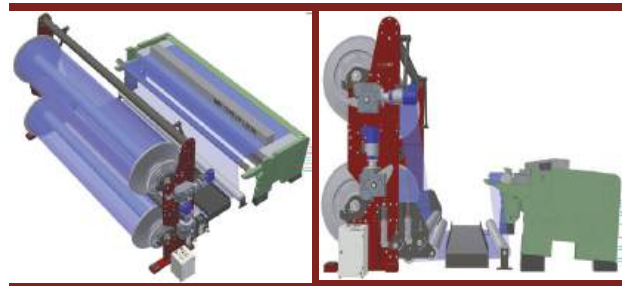
- ▶ Consistent warp yarn delivery
- ▶ Optimal start and stop conditions
- ▶ Flexible adjustment of warp yarn tension
- ▶ Excellent accessibility to the weaving machine

Warp Beam Stands & Multi-Warp Beam Stands

When additional warp beams are installed in a warp beam stand or creel behind the weaving

machine, the mechanical stability of the stand is of crucial importance. It must be able to reliably accommodate the warp beams and the warp yarn tension.

The deflection rollers for yarn guidance must meet different requirements: under high tension they must be particularly stable, while under low tension they can be designed to be lighter, with surfaces that meet the requirements of friction, smoothness, and wear resistance.



Precise yarn guidance and careful yarn control are essential, with additional guiding elements such as eyelet boards or reed combs used where necessary.

Safety and handling are equally important: warp beams must be firmly secured while still allowing easy and safe insertion and removal. The beam support ensures smooth forward and backward movement and prevents unintended dislodging.

Space and accessibility must also be considered to allow easy operation and maintenance, as well as quick repair of yarn breaks. Different monitoring systems can be integrated to detect yarn breaks.

For correct yarn feeding, an electronic warp yarn delivery system should be implemented, consisting of appropriate tension sensors, drives, and control units. These coordinated components form a system that ensures warp yarns reach the loom with the required tension.

Overall, warp beam stands and beam creels combine flexibility, precise yarn guidance, ergonomics, safety, and ease of maintenance.

For further information, please contact:

Crealet AG

Hüeblistrasse 41 8636 Wald, Switzerland

info@crealet.ch, Skype: info_crealet

Tel: +41 (0) 55 286 30 20

Fax: +41 (0) 55 286 30 29

INDEX TO ADVERTISERS

NOVEMBER 2025

Name	Page	Name	Page
Agma Products	21	OM Corporation	22
Associated Autotex Ancillaries Pvt. Ltd.	3		
Aspire Grand Excel Automation	11	Paras Healds & Reeds Pvt. Ltd.	*
		Peass Industrial Engineers Pvt. Ltd.	C-IV
Basant Fibertex Pvt. Ltd.	75	Pinter Fa Ni Asia Private Limited	15
Bea Electronics	91	Precision Rubber Industries Pvt. Ltd.	59
Bharat Beams Pvt. Ltd.	18	Puja Textile Industries	*
Chiven Spinning	87	Rimtex Industries	104, 105
Dhara Engineering Works	*	Sakthi Textile Engineers	*
DH Textile Engineering	*	Sagotharen	*
		S. B. Dye Springs (India) Pvt. Ltd.	C-II
Elgi Electrics Industries Ltd.	51	Sheeba Enterprise	13
Gayatri Textile Machines	16	Shree Ram Textile	*
		ShreeTex Corporation	12
Jaytex Engineers	*	Simta Group of Companies	7
		Sri Kumaran Textile Systems	*
Indian Dye Springs Co.	*	Srinivasa Tex Spares	6
Inspiron Engineering Pvt. Ltd.	*	SRM Technologies	17
Infinity Spare Tech	*	Sumanlal J. Shah & Co.	*
INDIA-ITME 2026	10	Sunrise Industries	14
ITMA ASIA+CITME 2025	*	Sumanlal J. Shah Sons (P) Ltd	*
Krsna Engineering Works	C-III	Tech Mech Engineers	8
Kubersshwar Machine Products	*	Techno Electronics & Instruments	*
		Technocraft Texmach Pvt. Ltd.	*
Lakhmi Machine Works Ltd	*	Texfair 2026	82
Laxmi Precision Technologies Limited	20	Tex-Tech Industries Pvt. Ltd.	106
Lakshmi Ring Travellers (CBE) Ltd.	*	Texlab Industries	*
		Tirupati Technik	95
Mag Solvics Private Limited	*	Trutzschler India Pvt. Ltd.	83
Mangal Singh Brothers Pvt. Ltd.	5		
Manoj Engineers	C-I	Varjilal Hirjibhai Trivedi & Sons	*
Mayur Reeds and Healds Pvt. Ltd.	*	Vetri Engineers	4
M.K. Spindle Manufacturers Pvt. Ltd	*	Vishwaa Engineering	*
Mohler Machine Works Pvt.Ltd.	*		
Mylon Metallics Pvt. Ltd.	*	Worldex India Exhibition & Promotion Pvt. Ltd.	*
New Make Industries	*		
NIF Mechanical Works Pvt. Ltd.	9		

In Ring Spinning

The difference in Wellness

With same or similar Spinning facilities, why there is so much disparity between spinners. 80% are lacking in Quality, have difficulty in getting good price offers and more difficulty in selling yarn, in comparison with other 20% spinners who command their price and still have great demands and are expanding their Spinning Unit facilities.

most Spinners

are roughly 80% of Indian Spinners. They have more than 60 nos. end breaks in 1000 spindle hours.

is reflected in ... **1** ... End Breaks

elite Spinners

are roughly 20% of Indian Spinners. They have less than 40 nos. end breaks in 1000 spindle hours.

20% spinners follow Spinning Wellness program, and to their suitability are designed new Spinning Geometry. Several such new prototypes are tried by many mills and are happy to accept and be part of Wellness Program.

And are thanking ~~X~~RCC for their guidance and co-operation in achieving it.

*Above stated example is of 30s Combed Cotton, spun with new prototype developed. Likewise in most counts of Cotton and most man made fibers.

Adopt ~~X~~ SPINNING Wellness

For more details and information on Wellness Programme contact : WellnessProgramme@Xaxis.com



MORE THAN
300
SPINNERS ACROSS THE GLOBE
HAVE CHECKED THEIR

Pi
SCORE

THEY HAVE UNCOVERED NEW POTENTIAL

WHAT ABOUT YOU?

WHAT'S YOUR Pi SCORE?

To know your mill's Pi Score, write to: pi.score@rimtex.com

+91 98799 54858
rimtex.com
@rimtexindustries

Lets Promote Quality

Handling Sliver Since 1992

Scan to enquire





EXPERT PERFORMANCE ELEVATORS



TEXTECH Specializes in the manufacture of Hi-Performance Retrofit kits to up-grade older generation Combers to the latest 4th generation for achieving Optimum Removal of Noils along with Improved Yarn Quality Levels. TEXTECH is the only company manufacturing all types of Technological Spare parts as OEM replacements for all models of Combers. TEXTECH is happy to be the only Expert Performance Elevator to more than 1000+ mills since 40+ years. TEXTECH with its rich technical experience will continuously offer profitable performance solutions with its core strategic value of the high-quality research-based products crafted with the latest technology for the Spinning Industry worldwide.

CUSTOMIZED

High Performance Retrofit Kit for All Models of Combers

PRODUCTIVITY

QUALITY

YIELD



We also manufacture all types of critical spare parts for all Models of COMBERS AND LAP FORMERS

www.textechonline.com



TEX-TECH INDUSTRIES (INDIA) PRIVATE LIMITED

27 - D, V.N. Industrial Estate, Bharathi Colony Peelamedu, Coimbatore - 641 004. India.

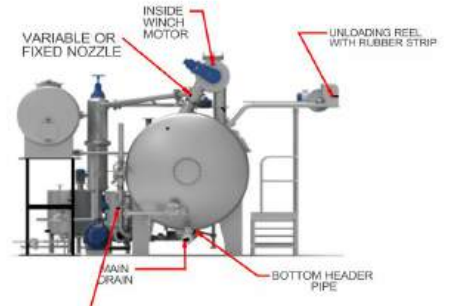
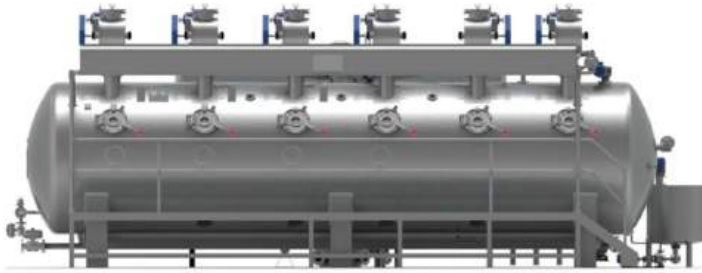
Ph: +91 422 2562796 | M : 93606 65968 / 93608 66667 | E : textech@textechonline.com

Estd 1990

KRSNAGroup
CONCEPT TO REALITY

KRSNA HIGH TEMP SOFT FLOW DYEING MACHINE

Knits Woven Terry Towel Furnished Fabric

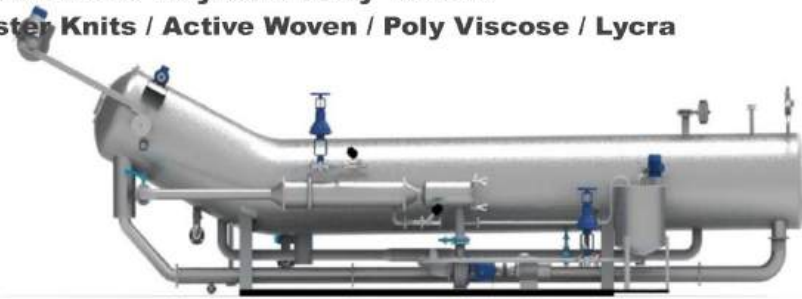


TWO FILL WITH SINGLE FLOWMETER

KRSNA HIGH TEMP. LONG TUBE SOFT FLOW + JET DYEING MACHINE

Knits / Woven & Polyester Terry Towels

Polyester Knits / Active Woven / Poly Viscose / Lycra



KRSNA CONTINUOUS MERSERISER

KRSFLOW WASHING RANGE

Multi Purpose Washing Range

Knits / Woven / Terry Towel / Synthetic



Email : chandreshshah09@gmail.com
r.krsnasales@gmail.com

Website : www.krsnagroup.in

Mob : +91 98 25096234

KRSNAGroup
CONCEPT TO REALITY

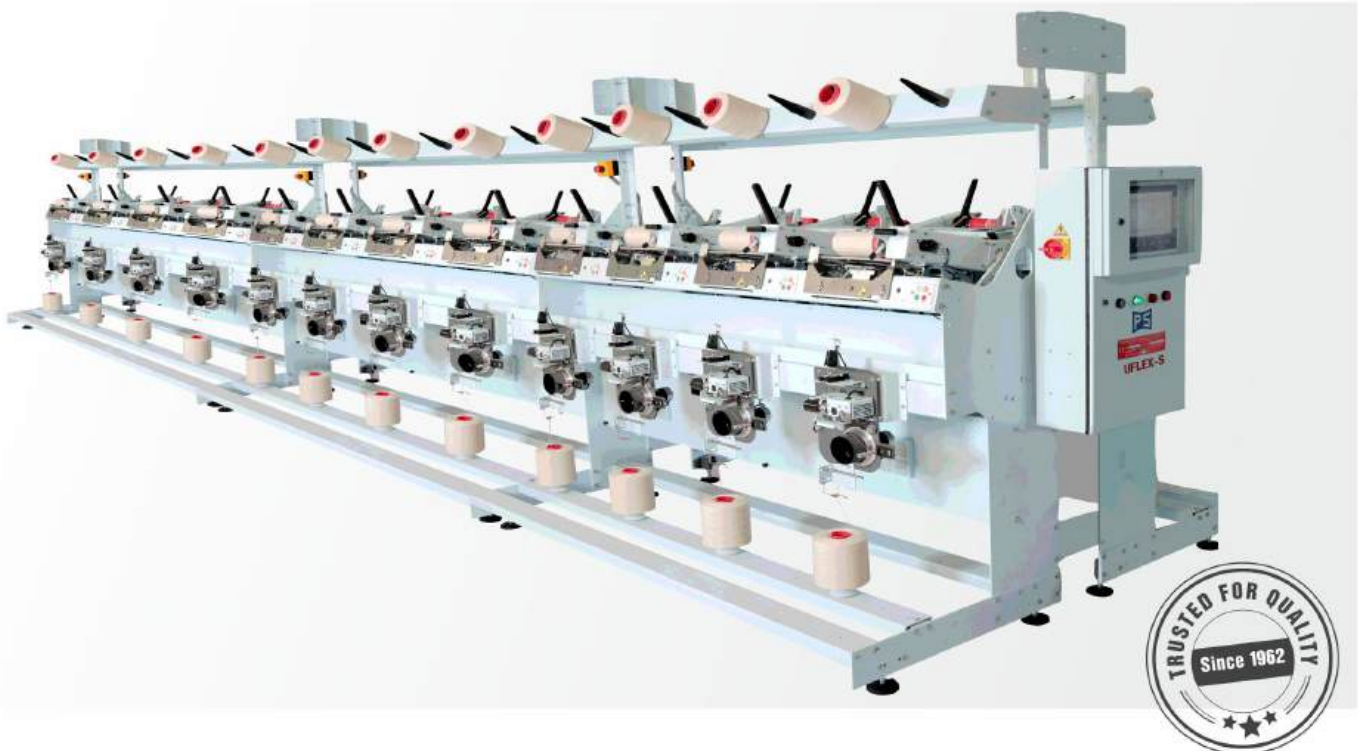


FLEXIBLE SOFT PACKAGE WINDER

MASTER KEY TO PERFECT DYEING

Uflex-S

Multimode Winding • Step-precision • Precision • Random



PEASS RANGE OF PRODUCTS

- Soft Package Winder(Precision / Drum)
- Rewinding Machine (Precision / Drum)
- Assembly Winder (Precision / Drum)
- Hank to Cone Winder



Peass Industrial Engineers Pvt. Ltd.

website: www.peass.com

Regd. Office:

Survey No. 303/1/1 & 302/1,
Maneklal Road, Navsari -
396 445 (W.R.) Gujarat, INDIA
Tel: +91 2637 240843/
250811
Fax: 91-2637-257 321
E-mail: navsari@peass.com

Mumbai Office:

Merchant Chambers, 2nd Floor,
41, New Marine Lines,
Mumbai - 400 020 INDIA
Tel: +91 022-22004948
Fax: 91-22-6631 0570
E-mail: mumbai@peass.com

Delhi Office:

729, Pocket 'E',
Mayur Vihar Phase II,
Delhi - 110 091 INDIA
Tel: +91 11 22773701/
22784749
Fax: 91-11-2277 4741
E-mail: delhi@peass.com

Coimbatore Office:

P-1, 3rd Floor, Red Rose Plaza,
509, D.B. Road, R.S. Puram,
Coimbatore - 641 002 INDIA
Tel: +91 422 2544097/98
Fax: 91-422-2544 097
E-mail: cbe@peass.com