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BIRLA CELLULOSE LAUNCHES BIRLA SAFR SUSTAINABLE FLAME-RETARDANT FIBRES AT ITMA

Birla Cellulose, a unit of Grasim Industries Limited and part of the Aditya Birla Group, proudly unveils its latest innovation, Birla SaFR, at ITMA 2023, Milan, Italy. This groundbreaking product marks a significant milestone in Birla Cellulose's strategic vision to offer products for the technical textile industry. Birla SaFR, is a phosphate based inherently flame-retardant sustainable cellulosic fibres, ideal for making flame retardant fabrics with its exceptional performance and eco-friendly characteristics.

Birla SaFR was launched on the 10th of June at ITMA Milan by Honorable Minister of State for Textiles (India), Mrs. Darshana Vikram Jardosh in the presence of Secretary (Textiles), Mrs. Rachna Shah, Mr. H.K. Agarwal, Managing Director, Grasim Industries Ltd., and Mr. ManMohan Singh, Chief Marketing Officer, Birla Cellulose.

With this revolutionary breakthrough, Birla Cellulose sets a new standard for flame-retardant fibres and solidifies its position as a leading solution innovator in sustainable textiles.

Crafted with utmost precision, Birla SaFR results from meticulous research and development efforts combined with a deep understanding of industry demands. This remarkable achievement showcases Birla Cellulose's commitment to fostering innovation and delivering products that revolutionize the textile landscape.

Mr. H.K. Agarwal, Managing Director, Grasim Industries Ltd., and Business Director, Pulp & Fibre Business, expressed his pride in the groundbreaking achievement, stating: "Birla SaFR is the first flame retardant fibre developed in India specifically for the technical textile segment. We take immense pride in knowing that our product will be used in various categories of protective wear, ultimately safeguarding lives."



Birla SaFR, can be blended with other high-performance fibres (e.g., aramid, FR mod acrylic, FR polyester) to create a diverse range of protective clothing solutions. This cutting-edge fibre offers enhanced protection against a multitude of heat-related hazards while ensuring optimum comfort for the wearer without compromising on the fire protection standard of the garment thus enhancing the user experience.

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PAILUNG LAUNCHES ALTERKNIT™ AT ITMA MILAN 2023



The Taiwan-based company is known for more than 100 different models that include basic models such as single jersey, rib, interlock, fleece and terry as well as sophisticated models such as single knit jacquard, double knit jacquard, rib-mesh transferred jacquard, fishnet jacquard, float plaiting (weave knit) jacquard, etc. Established in 1977, Pailung has been a name to reckon with globally in the knitting industry. The company's Chairman James Wang can be credited with much of its success over the last five decades since he took over from his father in the 1980s.

In an exclusive interaction, Mr. James Wang, who joined the business in 1985, recollected how knitting was hardly an option for companies globally in the 1980s.

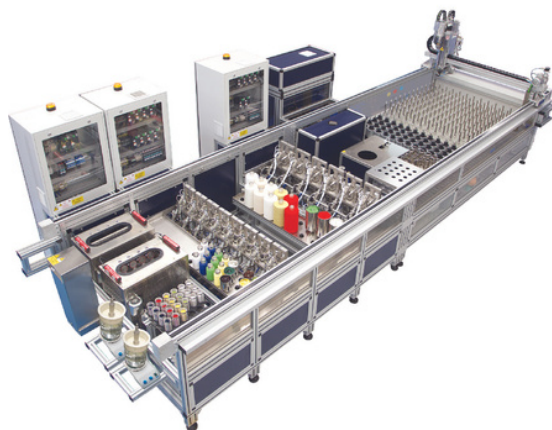
Today, however, knitting as a manufacturing process has come a long way thanks to all the innovation and research and

development by knitting machinery manufacturers worldwide to make this a compelling option for textile manufacturing.

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TECNORAMA'S INNOVATIONS FOR LABORATORY, TO BE FULLY INTEGRATED IN DOS&DYE® SYSTEM

Tecnorama is specialized in designing and producing mechatronic systems for the automatic handling of chemicals and dyestuffs used in the dyeing processes of all textile materials. Focused on automation, Tecnorama aims to increase reproducibility between laboratory and production recipes and optimize the dyeing processes. DOS&DYE® is an automatic laboratory dosing and dyeing system with a great worldwide reputation. It is the first and the only one system developing the right recipe for bulk dyeing machines, in order to avoid correction and re-dyeing in production with considerable time and resource savings. Composed of a Dosorama dispensing machine and one or more robotized dyeing modules, the DOS&DYE® works independently for 24 hours a day and 7 days a week. It automatically performs the whole dye-bath process without any operator intervention and matches the features complying with Industry 4.0.



The DOS&DYE® system has been adopted by leading textile companies around the world for its accuracy, efficiency and reliability.

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PROFESSIONAL WASTE HANDLING SOLUTIONS BY STEINEMANN CVS

With its brand name "Steinemann CVS (Central Vacuum System)," ConVacc AG offers the best possible solution for cleaning spinning mills, weaving mills, finishing mills and other textile plants. The professional, economic all-in-one system enables efficient removal of dust, lint, fly, fluff and fibers from machinery and premises alike.

The Steinemann Central Vacuum System combines years of experience with Swiss quality

ConVacc has over 40 years of experience in producing and planning Central Vacuum Systems. During this time, the company has successfully acquired more than 550 projects worldwide. Thanks to its outstanding quality, the Steinemann CVS is also very robust and durable, requiring truly little maintenance. This in turn makes it an efficient solution, ensuring a fast ROI. The only way to achieve higher efficiency, better product quality and less wear and tear is through cleaning of machines and environment professionally and in an acceptable timely manner.

The customizable plug-and-play system can be integrated into any existing infrastructure or machine. Its uncomplicated design enables customers to install the tube network themselves. In short, the Central Vacuum System is a must in central waste disposal and logistics solution. A ConVacc System can help optimize your production.



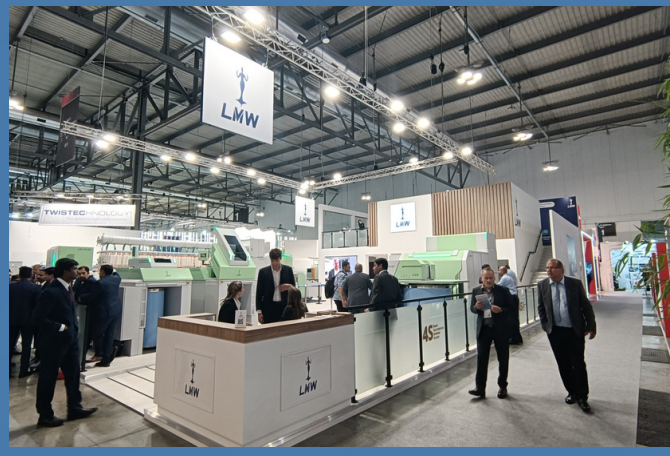
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PHOTO-GALLERY



MONFORTS @ ITMA - EXPLORING NEW ROUTES TO EFFICIENCY WITH THERMEX AND ECONTROL®



At ITMA 2023 in Milan, from June 8-14, experts from Monforts are there to explain the latest significant advances that have been made in sustainable continuous dyeing for woven fabrics and yarns with its industry-leading Thermex system configured for the Econtrol® process.

Over 900 Monforts Thermex hotflue dyeing systems are now operational in the main textile producing countries like Bangladesh, Brazil, China, India, Mexico, Pakistan and Turkey, with around 150 of them already reaping the benefits of the Econtrol® and Econtrol®T-CA processes.

“The current focus of the industry is very much on cleaner processes to meet the commitments on sustainability made by the major fashion brands and with further regulations anticipated,”

says Monforts Textile Technologies Engineer Jonas Beisel. “This is calling for new investments that enable a significant reduction in resource consumption to be achieved, but that are easy to integrate into existing production systems. Econtrol® lines fit the bill perfectly.”

Econtrol® is a continuous process for the dyeing of woven cotton and cellulosic fabrics in which reactive dyestuffs are fixed into the fabric in a one-step dyeing and drying process with a controlled combination of steam and air. The entire pad-dry process takes just two-to-three minutes at a temperature of between 120-130°C and a relative humidity volume of 25-30%.

“Econtrol® ensures excellent reproducibility of all colours, improved dye penetration on difficult fabrics and no risk of the browning of the fibres due to the low fixation temperature,” Beisel explains. “As such, it is the ideal process for fast change technology and operational savings.”

In addition, compared to other processes, no salt is used and no steamer is required for a separate fixation step. The process is also urea-free and no smoke or deposits are generated. Direct feedback of the dyeing results eliminates batching time to guarantee good reproducibility from the lab to bulk production and an immediate wash off is also unnecessary, allowing for flexible production planning.

The Econtrol® process is suitable for pale to dark shades with very good fastness properties and has proved a particularly versatile route for denim manufacturers.

“Differentiation is the key in the highly-competitive denim fabrics industry, whether that is through the successful incorporation of new fibres, accommodating new fabric constructions or exploring the many options for how to treat them at the finishing stage, to gain a market advantage,” says Monforts Head of Denim, Hans Wroblowski



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MARIO CROSTA PRESENTS NEW RAISING MACHINE MODEL

Coming in the wake of the highly successful Polaris-24™, the new model has some more unique features to provide for a significant increase in production capacity, better performance and higher quality

Mario Crosta, a leading manufacturer of dry finishing machinery globally, which is represented by Batliboi in India, is showcasing a new raising machine model in this edition of the event. In an exclusive chat, while speaking about the preparations for the event, the company's President Marco Crosta said, "We can say that we are in a state of great excitement and enthusiasm. After the pandemic, this exhibition represents an important and unique opportunity for us to meet people we have not seen for a long time and to present our latest innovations."



Every four years ITMA represents a global event where all textile machine producers exhibit their most innovative technical solutions and have the opportunity to meet customers and potential customers and to create business partnerships aimed towards mutual business growth and development of new textile products.

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ITMA 2023 June 08-14, 2023 Fiera Milano Rho Hall 2 | Booth D101

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SPG PRINTS SHOWCASES COMPLETE RANGE OF SOLUTIONS FOR TEXTILE PRINTING



In the world of printing, tomorrow is about pushing boundaries in technology with groundbreaking new methods and applications in order to build and maintain lasting relationships. This can only be done by truly understanding customers processes and workflows, and helping them achieving their goals. That's why SPGPrints this year presents a completely new booth concept, aimed at helping customers overcome their challenges in optimizing digital and rotary printing workflows.

One of the new SPGPrints ITMA concepts are the so-called TECHTalks. Every day during ITMA several 10 minute presentations will be given by an SPGPrints expert, elaborating on different relevant topics within the fashion industry. An overview of all different free to join TECHTalks including timetable is available on www.spgprints.com/itma-2023.

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VIDEO EXCLUSIVES



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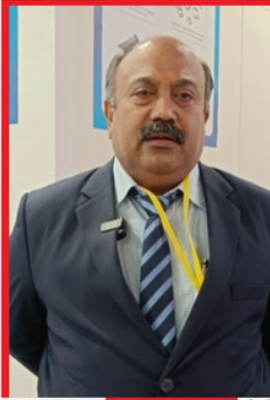


ITMA 2023

EXCLUSIVE INTERVIEW

S MALLIGARJUNAN
MANAGING DIRECTOR
TEX-TECH INDUSTRIES

VISIT **TEX-TECH**
AT HALL 01 | BOOTH E207



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ITMA 2023

EXCLUSIVE INTERVIEW

JITESH SARAWAGI
DIRECTOR
OKOSU CERATECH PVT LTD

VISIT **"OKOSU"**
AT HALL 06 | BOOTH C113



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ITMA 2023

EXCLUSIVE INTERVIEW

J.M. BALAJI
HEAD - MARKETING
LAKSHMI RING TRAVELLERS

VISIT **LRT**
AT HALL 02 | BOOTH A202



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ITMA 2023

EXCLUSIVE INTERVIEW

HEMANG SHANGHVI
LAXMI SHUTTLELESS LOOMS
PRIVATE LIMITED

VISIT **"LAXMI SHUTTLELESS"**
AT HALL 06 | BOOTH C108



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ITMA 2023

EXCLUSIVE INTERVIEW

AAN SHAH
EXECUTIVE DIRECTOR
IDEAL SHEET METAL

VISIT **IDEAL**
AT HALL 02 | BOOTH A204



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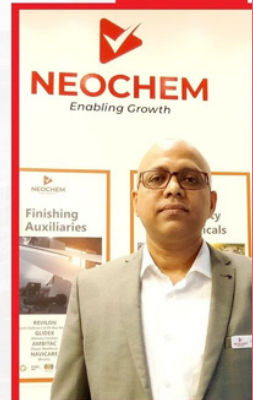


ITMA 2023

EXCLUSIVE INTERVIEW

TIRTHA GHOSH
DIRECTOR & CEO-TEXTILE CHEMICALS
NEOCHEM TECHNOLOGIES PRIVATE LIMITED

VISIT **"NEOCHEM"**
AT HALL 05 | BOOTH E312





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