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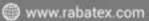


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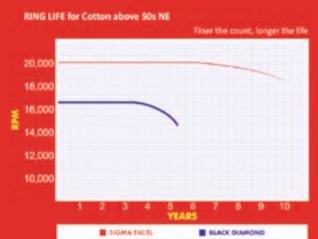
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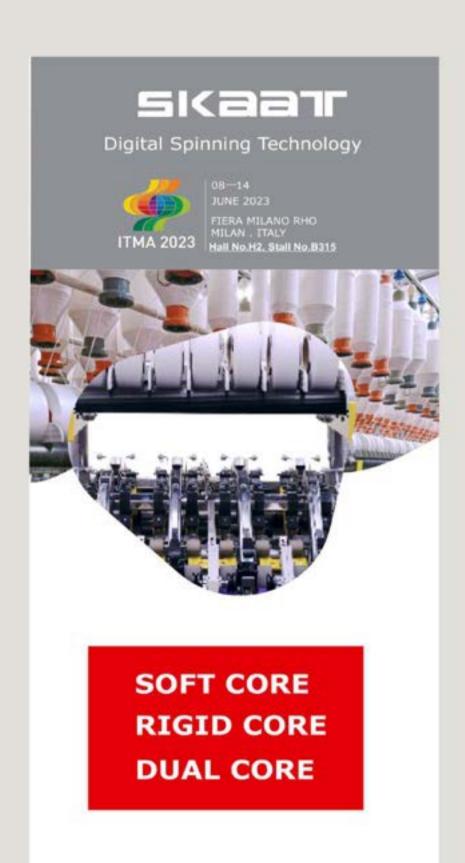
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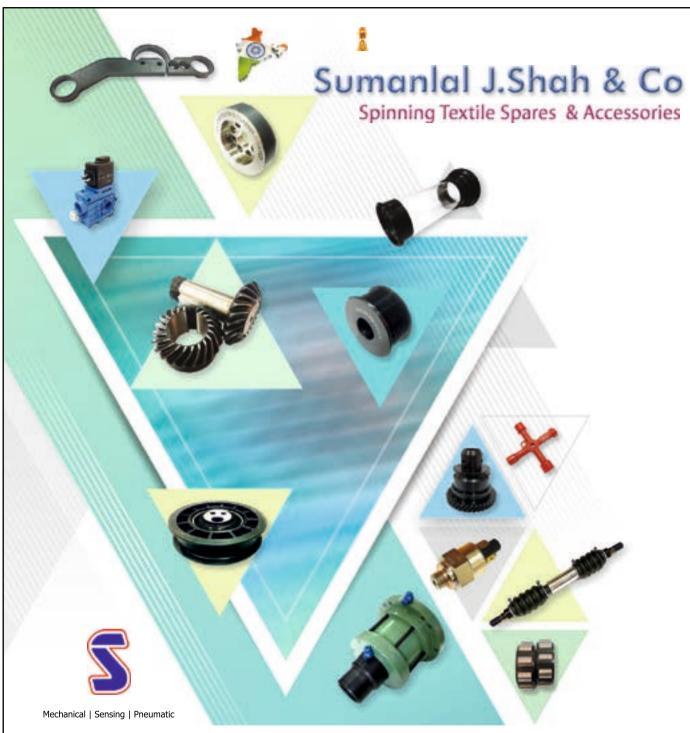


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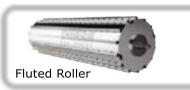








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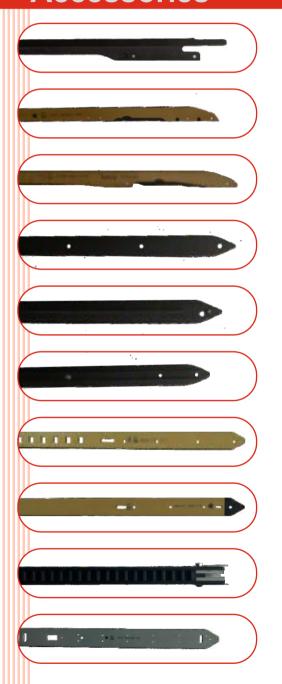
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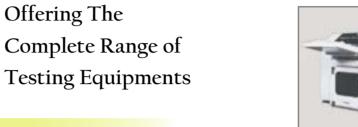








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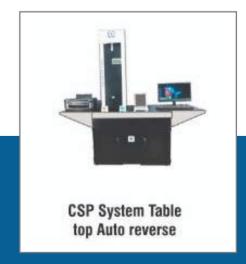


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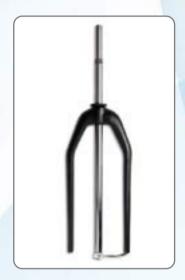
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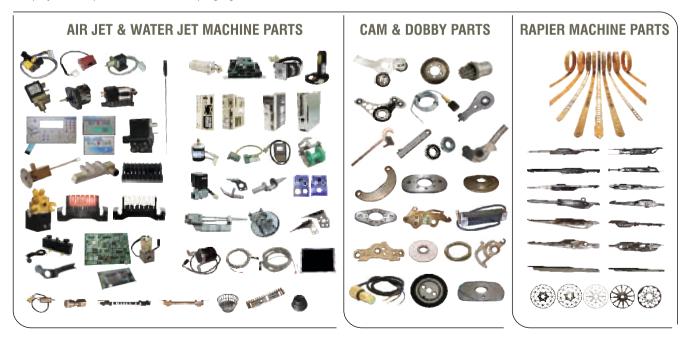


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EDITORIAL

At the outset Textile Trends is present at ITMA-2023, Milan to say about latest innovations and inventions of Textile-world



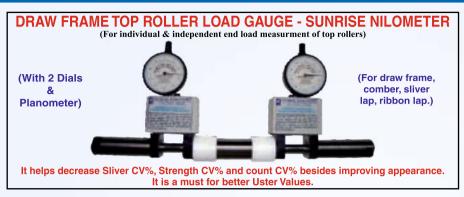
Exhibition ITMA is considered to be 'Olympics' of textile machinery exhibition held every four years. Textile-fraternity belonging to various textile-segments comes from allover the world in the largest gathering, ITMA. ITMA-2023 from 8-14 June will be staged in Milan, Italy.

Participants will gain insights and knowledge of industry-trends and innovations on the verge of transforming the future of textile and garment manufacturing from ITMA-2023. This mega event is likely to focus on textile-industry's major issues such as green financing, textile functionalising, material reshoring, smart textile development, next-gen materials etc. Being a global platform for textile-machine manufacturers, traders, new entrepreneurs in textile field it encourages spirit of innovations and entrepreneurship for growth of textile industries across the world.

In such a world-most prestigious textile-show, Textile Trends an acclaimed monthly journal plays a proactive role since its advent of participation at ITMA. This english monthly journal contains the content of latest informations of world textile-trends and textile events. This journal also inspires faculties, scholars of Textile Colleges and Universities to write research papers which are published through this journal.

Alike the past, Textile Trends will actively be present in ITMA-2023, in its allotted hall, H-14, B118 with displaying large number of copies of the journal. Textile Trends expects large number of footfall in its booth and is eagerly looking forward to interacting with visitors and keen on welcoming them.

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ITMA 2023

8-14 JUNE, 2023 MILAN, ITALY

SOME PARTICIPANTS AND THEIR EXHIBITS

Oerlikon

Oerlikon to appear in world premier show at ITMA Milan 2023 from 8-14, June with its high end technologies

Hall No. 1, Booth No. B211

"Technology is once again enabling us to create a better world"

This year's ITMA trade show appearance of the Oerlikon Group will focus on current challenges

that the entire textile industry has to deal with: creating a circular economy within the textile value chain, providing energyefficient technologies, using digital solutions to support a sustainable production, processing new materials, and finally the traceability of all products and the recycling of raw materials used. And there are certainly many more subject areas that



Georg Stausberg, CEO of Oerlikon Polymer Processing Solutions Division

the visitors of the ITMA will have questions about. Oerlikon therefore invites all trade fair visitors to engage in a dialog with all its experts at its booth in hall 1, B211. On more than 500 m², Oerlikon will give initial answers to the urgent questions of the present and the future and will present its technology solutions in an innovative way within its inspiring experience center.

"At Oerlikon, we contribute with our innovative technologies for resource-saving use in almost all manmade fiber spinning mills in the world. Our promise for the future is to continue to expand the zerowaste production approach and thus take care of achieving our customers' and our own sustainability goals", says Georg Stausberg, CEO of the Polymer Processing Solutions Division and Chief Sustainability Officer of the Oerlikon Group. This sets out the claim of one of the world's leading suppliers of machinery and plant solutions for manmade fiber production not only for this

show: In the future, it will be solely a matter of sustainable innovations.

Circular Economy and recycling? Enabling customers to achieve more with less

Textiles are becoming an increasingly big polluter. To tackle the growing mountains of used clothing, it is above all European politicians who are developing a comprehensive strategy for a regulating circular economy. And the textiles industry is also making its mark with innovative technologies for recycling manmade fibers. However, there is still a long way to go before we have a sustainable textile world.

According to the European Environment Agency, the consumption of textiles is already the fourth-largest source of negative environmental and climate change impacts within the European Union (EU). A major reason for this is relentless textile growth: the Ellen MacArthur Foundation states that the global production of textile almost doubled between 2000 and 2015. And the annual consumption of apparel and shoes is expected to further rise by 63 percent by 2030 – from currently 62 million to 102 million tons – adds the European Environment Agency.



The revolutionary new Oerlikon Neumag EvoSteam staple fiber process

With this market development in mind, Oerlikon is intensively involved in Worn Again Technologies. The British partnership is focusing on a solvent-based recycling technology, with which both end-of-life textiles comprising polyester and polycotton blends and PET plastics can be converted into circular raw materials and fibers (polyester and cellulose). For this, a large demonstration system for upcycling 1,000 tons of textiles per annum is being created in Switzerland.



"We are supporting technological innovators such as Worn Again Technologies because we believe their solution is extremely promising and because they are driving cooperation between the individual producers within the value chain. Recycling only works when all players cooperate in a circular system", emphasizes Stausberg. He is already looking to the future: "The time for closedloop strategies and the corresponding sustainable technologies is now - let's talk about it at ITMA."



The Oerlikon Barmag ACW WINGS upgrade

In terms of sustainability, however, Oerlikon also sets itself high goals. Stausberg: "It is no surprise that we have applied high standards of innovation to our own operations and practices. For several years, Oerlikon has been creating pilot initiatives that we intend to implement companywide to the greatest extent possible. For example, we are committed to achieving CO, neutrality in all our locations by 2030 as we have already done at our site in Liechtenstein that provides our blueprint for meeting this commitment. Our goals also include obtaining 100% of our electrical energy from renewable sources and achieving the standard of, Zero Harm to People".

In addition to regulatory initiatives, technical innovation is required to connect the beginning and the end of the linear textiles industry and to close the loop. One decisive circular technology here is fiber-to-fiber recycling. Only a few years ago, this process was used to recycle around just one percent of used clothing worldwide into fibers for new apparel. McKinsey market researchers are now talking about 18 to 26 percent being recycled by 2030 - if the full technical recycling potential is utilized and more textiles are collected. For this, manual processes will have to be automated, clothing waste qualitatively sorted, buttons and zips removed, and fiber

compositions unambiguously identified - and all less expensively. Separating mixed fibers still represents an obstacle as well. Finally, the recycled materials must be suitable for the spinning process, provide a usable yarn quality and be able to be further processed, i.e., dyed. Despite these challenges, there are promising solutions on the horizon, even though some processes are not yet ready for commercial exploitation.

Oerlikon Barmag is offering technological solutions for rPET that enable customers to save million tons of CO, per year. In 2022, Oerlikon Barmag introduced, a homogenizer recycling line specifically for customers in China and Asia where bottle flakes and film waste can be agglomerated, extruded, homogenized and melted to produce polymer melt or chips. It enables the polymer quality of recycled bottles or film waste to be precisely adjusted to the requirements of different downstream extrusion or injection molding processes.



Another rPET solution is the VacuFil system from the Oerlikon Barmag joint venture, BB Engineering. VacuFil is a unique and innovative PET recycling line, uniting gentle large-scale filtration and targeted intrinsic viscoscity (IV) regulation for consistently outstanding rPET melt quality. In 2022, BB Engineering launched a patented key component of the VacuFil system, the Visco+ filter as a separate and easily integrable upgrade component that enables precise IV setting and pure melt with the help of vacuum. IV is the central quality characteristic in PET recycling and rPET processing. It determines the melting performance in the production process and the properties of the end products and is thus essential in the recycling process. The Visco+ process is reliable, verifiable and 50% faster than conventional liquidstate polycondensation systems.

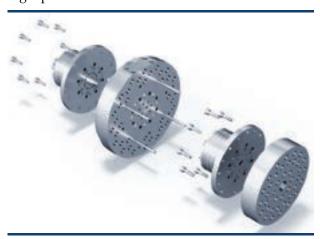
Energy Efficiency? EvoSteam process revolutionizes polyester staple fiber production

There is a huge demand for textile fibers: population growth of around 3% per annum, fast





fashion and many other factors are fueling this demand. According to international studies, global demand for staple fibers made from polyester will total 20 million tons in 2025 – this is approx. 33% more than the production volume recorded in 2013. In view of noticeable climate change and its impact on people and the economy, resource- and environment-friendly manufacturing methods are absolutely crucial for the future. High production costs are currently eating into the margins of fiber producers. Noteworthy here are above all massively increased energy and polymer prices, but water is also an important resource today very frequently scarce and consequently expensive. At this year's ITMA in Milan, Oerlikon Neumag will be unveiling its new EvoSteam process to interested trade visitors, viewed by many process experts as an enabler for more sustainable staple fiber production in the future. The objective of the new development is to lower both operating expenses (OPEX) and the carbon footprint with minimal consumption of energy, water and polymer - simultaneously with the excellent fiber qualities demanded by downstream processes and high production volumes.



New Materials?

Looking back at the regulations of the European Union, among others, there are also major challenges for new materials. In that regard the Green Deal can only be realized if new European Union policy frameworks create certainty for future investments.

"In the polymer processing industry, we have to come to a sustainable, closed circular economy for packaging materials and textiles, for example, while simultaneously intensively expanding the recycling of the materials used. Here, new materials also offer opportunities – opportunities that we as a machine manufacturer and plant engineering company will exploit. However, compared to non-biodegradable, petrochemical-based polymers such as PE, PET and PP, the prices for bio-based polymers like PA 5.6. and biodegradable polymers like PLA, PBAT and PBS are not yet competitive. In contrast, the properties of bio-based materials used for consumer products, especially those used in the packaging industry, are already competitive. It appears compostable textiles will remain a niche market", explains Stausberg.

"But one thing is certain: utilizing current Oerlikon technologies and future innovations, we will be able to transform virtually any raw material into an ecologically attractive end product. The economic questions will ultimately be answered by consumers. Technology is once again enabling us to create a better world", says Stausberg.

Digitalization and Traceability?

With its sustainable and closed loop-compatible textiles strategy, the EU plans to become a pioneer for the global circular economy as well. By 2030, textile products marketed within the EU are to become more durable and recyclable, predominantly comprise recycled fibers, contain no hazardous substances and be manufactured in compliance with social rights and in a manner that protects the environmental. This also includes the introduction of a digital product passport and the amendment of the European Textile Labeling Act: To implement the closed-loop principle and other important environmental requirements, players along the value chain must also fulfill new information obligations about the composition of textiles. At the show, Oerlikon will present own digital technology solutions and those that have been tested in collaboration with various partners for the use in Oerlikon technologies.

Looking into the future with the Oerlikon Barmag Digital Twin

The term "digital twin" was coined in 2014 by Michael Grieves and John Vickers (NASA) and is used and interpreted for different scenarios: The simplest digital twins map a digital inventory list of a real machine, for example, in order to be able to supply exactly matching spare parts for a customer-specific plant. At the other end of the complexity scale are digital twins that map the kinematics and/or dynamics of a machine or plant.



At ITMA, Oerlikon Barmag will present a complete WINGS POY winding head as a kinematic model as a digital twin. For this purpose, all essential machine components were modeled as rigid bodies and connected to each other via joints and contact bodies. The actuators present in the real world were simulated by forces and moments. Analogously, the sensors are simulated by contact bodies and corresponding collision bodies. With this kinematic model, it is now possible to map all the processes that occur during the operation of a winding head in virtual space. Customers can thus be offered faster and more cost-effective production solutions.



Market launch of the Digital Academy - its just the beginning

Interactive and customized, modular and flexible in terms of time - all features of a modern training concept. Adapted to the needs and general conditions of the respective student, training sessions should be independent of time and place and the contents should be tailored. This concept is being implemented within the Digital Academy at Oerlikon. The digital online training center, available through the my Oerlikon.com e-commerce platform, comprises a collection of role-based e-learning modules on such topics as operation, maintenance and repairs - currently for the Oerlikon Neumag BCF S+ and S8 machines. Training is targeted at operating staff, process engineers and technicians, and quality assurance officers. The Digital Academy learning contents will be available for the Oerlikon Neumag BCF S+ and BCF S8 systems from ITMA onwards. Further contents will be continually expanded and made available to all customers.

Oerlikon Barmag ACW WINGS

How can an upgrade increase Oerlikon Barmag POY yarn manufacturing process quality while simultaneously cutting energy consumption, waste,

time and personnel? At ITMA, Oerlikon will show its long-awaited upgrade: ACW WINGS drawing fields. Established technologies can always be made better. When the Advanced Craft Winder (ACW) was launched in 1998, it was truly convincing with its sophisticated modifications for initial string-up and yarn transfer. WINGS replaced it as the new benchmark in 2007. However, because Oerlikon Barmag technology last for decades, many ACW and WINGS winders are being operated practically side-by-side in some places. Customers asked Oerlikon: please build a WINGS drawing fields over our ACW winders! At ITMA it will be shown for the first time at an exhibition in hybrid way - a WINGS drawing field in combination with virtual ACW Winder.

Oerlikon Barmag Wiping Robot

Regular wiping of the spin packs is important for process stability and yarn quality. Automating the process with Oerlikon Barmag's wiping robots, which can be retrofitted to numerous spinning plants, delivers considerable benefits, as it reduces the yarn break rate by up to 30%, improves process stability and reduces downtime. In addition, wiping robots help to indirectly reduce waste as a result of a 90% decrease in the use of silicone oil spray cans and a 15% to 20% decrease in total silicone oil consumption.

New air-texturizing line for POY and FDY

The new JeTex by BB Engineering is a production line for high-quality air-textured yarn (ATY). It combines an innovative texturing system developed by BB Engineering as key component with state of-the-art components by Oerlikon Barmag to ensure fast production speed, the desired effects, and the quality of the product.

Oerlikon Barmag Pumps

Gear metering pumps in textile manufacturing are extremely popular. This is above all due to the fact that numerous systems are being modernized in terms of their efficiency and specialization. And it is precisely here that Oerlikon Barmag pumps are deployed, as those are the perfect solution for nearly every application. The Oerlikon Barmag spinning pumps are high-precision gear metering pumps in round or square shape for the production of continuous filaments. Possible applications are the prestage production of carbon fibers for reinforced composite materials with low weight and high resilience or the production of

SOME PARTICIPANTS AND THEIR EXHIBITS



aramid fibers. The different fibers are used in quite different areas such as aviation, sports equipment or safety products. Two large 3D models for spandex and aramid will be on display at ITMA.



Oerlikon Nonwoven HycuTEC

Oerlikon Nonwoven's HycuTEC inline charging technology is used to create high-end charged meltblown filtration media. Introduced in March, it went on to win the 2022 FILTREX $^{\text{TM}}$ Innovation Award. One of the reasons HycuTEC won the award was that the meltblown media treated with the technology requires 40% less polymer (fabric weight) to achieve the same filter efficiency than the nonwoven material that was not treated. In other words, filter specification is easier to achieve while reducing waste in production. Compared with other hydro-charging concepts, the unit significantly reduces water and energy consumption due to the elimination of an additional drying process and the lower pressure drop in the filter material. HycuTEC is the first industrially manufactured hydro-charging solution that can be easily retrofitted to existing systems as a plug-and-produce component.

About Oerlikon Polymer Processing Solutions Division

Oerlikon is a leading provider of comprehensive polymer processing plant solutions and highprecision flow control component equipment. The division provides polycondensation and extrusion lines, manmade fiber filament spinning solutions, texturing machines, BCF and staple fiber lines as well as nonwoven production systems. It also develops and produces advanced and innovative hot runner systems and multi-cavity solutions for the injection molding industry. Its hot runner solutions serve business sectors, including automotive, logistics, environmental, industrial applications, consumer goods, beauty and personal care and medical. Moreover, Oerlikon offers customized gear metering pumps for the textile, automotive, chemical, dyes and lacquers

industries. Its engineering competence leads to sustainable and energy-efficient solutions for the entire polymer processing value chain with a circular economy approach.

Oerlikon Polymer Processing Solutions Division serves customers through its technology brands – Oerlikon Barmag, Oerlikon Neumag, Oerlikon Nonwoven and Oerlikon HRSflow – in around 120 countries with production, sales, distribution and service organizations.

The division is part of the publicly listed Oerlikon Group, headquartered in Switzerland, which has more than 13 000 employees and generated sales of CHF 2.9 billion in 2022.

For further information, please contact: André Wissenberg Marketing, Corporate Communications & Public Affairs, Oerlikon Tel. +49 2191 67 2331 Fax +49 2191 67 1313 andre.wissenberg@oerlikon.com





ERCA

ERCA to appear at ITMA 2023, Milan from 8-14, June with its innovative product REVECOL

Hall No. H5, Booth A201

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Oil) represents a new generation of textile chemical auxiliaries, which are high-performing and obtained from vegetable exhausted cooking oil. For the first time, this step of the textile supply chain can thus also make use of materials with a circular approach, contributing to the real

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Herein lies the revolutionary aspect of REVECOL® by ERCA: for the first time, not just one product, but a complete range of auxiliary chemicals is available that meets the criteria of circularity while ensuring excellent results in terms of quality and performance.

The result of ERCA's continuous research, REVECOL® are in fact born from critical waste materials (exhausted vegetable oils), which, thanks to an environmentally and safety-friendly manufacturing process, are transformed into a line of innovative chemical auxiliaries destined for the entire textile industry and its various applications: from underwear to home textiles. It is a complete range of products with unique characteristics: circular DNA, certification, safety, high performance, and applicability on any type of textile fiber, whether virgin or recycled.

In recognition of its unique and innovative characteristics, REVECOL® by ERCA has obtained

the most important certifications – GRS, RCS, listed into ZDHC Chemical Gateway, bluesign® and GOTS, we are also finalizing the third-party certified PCF (Product Carbon Footprint), – and various international recognitions – first prize RESPONSIBLE CARE®, in Italy, from Federchimica, inclusion in the BAT (Best Available Techniques) document from the European Community.

"We, at ERCA are always looking for innovative solutions through the development of products that are increasingly high-performing, competitive and sustainable at the same time. REVECOL® is the perfect example of this and it represents the "so far missing piece" for the production of textile materials that enable the approach to an increasingly responsible and certified supply chain without any compromise in performance." Comments Fabio Locatelli, Head of Textile BU at ERCA S.p.A.

For further information, please contact : ERCA

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Jeanologia

Jeanologia will present the end of the water era with its newly developed eco-friendly technologies at ITMA 2023, Milan, from 8-14 June

Hall No. H14, Stall No. C208

- Presenting its atmospheric washing process that achieves a natural aging of garments without water, chemicals or pumice stones, which marks a new milestone in the industry.
- Defining the production plants of the present and future with machine connectivity, enhancing automation, digitalization, sustainability and creativity at the lowest possible cost.
- The company, with a global presence and operating locally, has positioned itself as a technological partner of reference for brands and laundries seeking to be more sustainable and efficient.

Jeanologia, a leading Spanish company in the development of eco-efficient technologies, will present the end of the water era in the textile industry (Stand H14 C208) from June 8 to 14 at

SOME PARTICIPANTS AND THEIR EXHIBITS



ITMA 2023.

The company will lead the way towards a more productive and competitive circular industry with zero discharge through the integration of its technologies.

Jeanologia is committed to process automation for enhanced productivity in the textile industry and to water and energy savings, while staying product-centric to achieve authentic and fashionable garments with low environmental impact.



Atmospheric washing, a new milestone in the textile industry

During ITMA 2023 Jeanologia will present Atmos, its revolutionary atmospheric washing process that achieves natural aging of garments without water, chemicals or pumice stones.

A new step to continue advancing in its Mission Zero that seeks to completely transform the textile industry and eliminate 100% of discharge and pollution from jeans.

Through its G2 ozone technology and its INDRA patented system, the company makes an authentic vintage and stone wash look possible by replacing traditional water washers with air washers.



"At ITMA 2023 we are presenting the most important blue jeans revolution since we launched our first textile laser in 1999. The famous stone wash and natural aging look is now called Atmos"-highlighted Carmen Silla, Marketing Director at Jeanologia.

"Thanks to INDRA, we can achieve perfect control of the humidity and atmosphere temperature to achieve exceptional garment abrasion and discoloration. We attain the same effects that were previously only possible with water, chemicals and pumice stones, while ensuring perfect reproducibility and enhanced productivity in a more efficient, sustainable and safe way"- added Silla.



Jeanologia defines the production plants of the present and future

During ITMA 2023, Jeanologia will define the production plants of the present and future with the seamless integration of its technologies and the connectivity of its machines: from its laser (up to 50% faster and with 50% less energy consumption than other laser technologies on the market) and its high-speed washers with class-leading low water consumption that are ready to be connected to Jeanologia's eFlow nano bubble system. These technologies are coupled with the company's H2Zero water recycling system for a perfect, fully circular loop.

The production plants designed by Jeanologia are based on automation, connectivity, digitalization, sustainability and creativity with the focus on achieving an authentic fashion product, in a sustainable and efficient way, and at the lowest production cost.

The company, with a global presence and acting locally, has positioned itself as a technological partner of reference for brands and laundries seeking to be more sustainable and efficient.



SOME PARTICIPANTS AND THEIR EXHIBITS

Jeanologia: working for the world for over 25 years

Since 1994 their mission has been to create an ethical, sustainable and eco-efficient industry, marking a new era through sustainability, digitalization and automation.



The company is leading the transformation of the industry with its disruptive technologies: laser, G2 ozone, e-Flow, SmartBoxes, Colorbox and H2Zero, capable of increasing productivity, reducing costs, water and energy consumption, and eliminating harmful emissions and discharges, thus guaranteeing zero pollution.

For further information, please contact: Casanova & Carbonell Comunicacion, Jeanologia

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Carmen Silla, Marketing Director at Jeanologia

Santex Rimar Group

Santex Rimar Group ready to showcase environmental friendly machine and solutions at ITMA 2023, Milan, from 8-14 June

Hall No. 10, Booth No. B108

Santex Rimar Group proves its green ambitions with environmental-friendly machinery

Santex Rimar Group looks forward to ITMA 2023 in Milan, Italy what could be considered as a home game. The Group's different brands will be present at two booths. The machines on display and many showcases will leave visitors with the firm conviction that they can make their textile production more environmental-friendly.

Satex Rimar Group is one of the world-leading players in textile machinery manufacturing for

weaving, textile finishing, technical textiles, and green technologies for sludge drying processes. The Group unites six brands with unique standings that are represented at upcoming ITMA 2023.

All portfolios have in common that the machinery is made with competence, passion, commitment, a high level of research – and all machines are eco-friendly in their own way. Santex Rimar Group is dedicated to contributing technological excellence, process know-how and all possible efforts to maintaining a healthy environment for future generations. The Group is proud to present in Milan, Italy itsinnovations along the textile value chain and to showhow this industry can become more sustainable.



Cavimelt Pro for multi-functional coating

Green weaving

SMIT is a renowned producer of weaving machines and its booth B108 in hall 10 isa muststop.SMIT's flagship, the 2FAST High-Speed Weaving Machine will be exhibited featuring 2SAVE, the world's first and only weft tension control that saves selvedge at both left and right sides of the woven fabric, realizing pick-by-pick sustainability through fabric waste reduction. In practice, 2SAVE saves between 50 mm and 80 mm of yarn at each pick. Imagine the total savings, when it already results in over one meter after only twenty single picks... Eliminating selvedge waste leads to a significant decrease in raw material waste, with tangible benefits in terms of water saving at the very beginning of the value chain of fabric making - for any cotton fabric, including denim.

2FAST as a standalone solution shows an impressively green record too. The developers could eliminate auxiliary cooling systems, engineering a high-efficiency brushless motor with permanent magnets, for lowest heat generation with highest power. A further sustainability benefit



came with the new short mechanical transmission for highest regularity while guaranteeing lowest energy consumption - also used in combination with Jacquard systems.

The SMIT R&D team leaves no detail untouched when investigating technical solutions to be tested and proven. That's why 2FAST earned the ACIMIT Green Label for machines developed with the methodology of 'Product Design for the Environment', from the Italian textile machinery association.

The eco exhibits

Sperotto Rimar, Santex, Cavitec, Isotex and Solwa are represented on a 400 square meter booth in the middle of hall 18 along the main alley. One highlight will be the Isotex coating machine that guarantees high precision results, what goes hand in hand with waste reduction and environmental friendliness. The great flexibility of Isotex machines allows forexperimenting and/or usingsustainable compounds.

Santashrink, the tensionless shrinking and relax drying machine for tubular and open-width knitted fabrics, simply a Santex bestseller, is on show too. Compas embodies the compacting revolution with its unique system which exploits the use of a special belt with specific elasticity values. As water isn't directly sprayed on the compacting belt there's no water absorption by the processed fabric. The second plus regarding the use of water is the indirect rubber belt cooling with a totallyunpolluted water recycling system.

Santex Rimar Group invests every year 4% of their annual global turnover in research and development to provide continuous technical innovation in order to have the best improvements available for customers and for the environment. Machines use to show aneconomically futureoriented design and perform with the lowest possible use of energy, water, waste and chemicals.

Solwa is the Group's brand with the focus to produce green innovative technologies for water





SOME PARTICIPANTS AND THEIR EXHIBITS

treatment and drying processes. It's pride is Drywa, the only low-temperature belt dryer equipped with a CO₂ heat pump developed to make sludge management efficient and cost-effective, respecting the environment and climate.

Proud to present

The Cavimelt Promulti-functional coating machine by Cavitec will be presented for the first time at an international exhibition. The two-inone machine featuring rapid switching between rotogravure and full-surface coating will amaze the visitors as its technological superiority - based on hotmelt adhesive application - delivers bonding performance which meets the highest expectations for quality.



Compas - the compacting revolution

Cavimelt Pro shows reliable results also for sensitive materials and innovative applications. It offers flexibility from using membranes of 5 micrometers (one tenth of the diameter of a single human hair) and foam of 20 millimeters of thickness. And regarding sustainability: its hotmelt technology is an environmentally-friendly process, free of solvents and water. Furthermore, as no drying or sintering is necessary Cavimelt Pro also scores in energy-saving aspects.

Santex Rimar Group looks forward to welcoming visitors for first-hand information at ITMA 2023 between June 8th and 14th - and invites everyone to experience its eco attitude on even sustainably built booths!

For further information, please contact: Aepli Communication GmbH Santex Rimar Group Hasenbergstrasse 20a, CH-5454 Bellikon Switzerland

Office: +41 56 496 0008 Mobile: +41 79 91 60291

www.aeplicom.com

Zimmer Austria

Zimmer Austria keen to showcase its latest innivations at ITMA 2023 in Milan from 8-14th June

Hall No. 7, Booth No. E105

Zimmer Austria, the leading manufacturer of digital printing, screen printing, coating, steaming, and drying machinery will attend at ITMA 2023 in Milan Italy to rollout some of their latest products.

On a space of 400 m², several exhibits will be showcased including the latest COLARIS Digital inkjet printer with a Vision camera detection system and the STR System Wenk Rotary Screen Stripping and Ironing Machine. Both machines will be exhibited on life demonstrations.

Apart from above, several models of coating and screen-printing lines, together with different rotary screen-printing heads and squeegee devices will be presented.

All exhibits will be complemented with a comprehensive set of coated and digitally printed textiles, such as technical textiles, military camouflage prints with IRR control, printed webbing, transportation fabrics, home textile and various carpet flooring products.

ZIMMER AUSTRIA stands for manufacturing of high-quality machinery Made in Austria. Tradition paired with innovation is the fundamental base for 150 years of service to the textile and carpet industries. Revolutionary products from ZIMMER AUSTRIA such as the magnetic squeegee system, the first rotary screen printer, or the first digital printer have transformed and shaped the textile and carpet industries over the years.

With the latest innovations, it looks like this tradition will be prolonged into the future as the leading manufacturer is planning to set new benchmarks for the industry again.

- Zimmer Austria: Colaris Camouflage Printing
- Everything about your plan and billingZimmer Austria: Let's Focus on the MENA Region!
- Zimmer Austria Will Open New Fields for Textile and Carpet Digital Printing During ITMA Milano

For further information, please contact: Zimmer Austria@ITMA 2023



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SOME PARTICIPANTS AND THEIR EXHIBITS

Precision Rubber Industries Pvt. Ltd.

Precision Rubber Industries Pvt. Ltd. keen on participating at ITMA 2023, Milan to be held from 8th-14th June

Hall No. 2, Stall No. C302

Precitex is a renowned brand, manufactures aprons and cots

PRECITEX is the first Indian company to participate in ITMA Europe held in year 1975 and ever since they have participated in every ITMA Europe.

PRECITEX has recently expanded their capacity to manufacture 90 million pcs. of Aprons and Cots per annum with the accreditation of ISO 9001:2015.

PRECITEX is the market leader in India and also the largest exporter of cots and aprons from India. They have been getting Exports Awards from various textile associations for the last several years.

Their products are used by all quality conscious spinners across the Globe. They Export to 42 Countries and some of the major Export Countries are Indonesia, Bangladesh, Uzbekistan, Vietnam, Turkey, Mexico, Egypt and Africa.

As a true market leader PRECITEX has been innovating and launching new products for the benefit of its customers. The recent product launched by PRECITEX have been well received in the market.

For ITMA Milan, PRECITEX is planning to launch the following new products:

1. SLX SERIES APRON

This apron is specially manufactured using a very superior grade of polymer. The specific

application like Super Long Ring Frames (above 1200 spindle/ machine) where the torque load on the drafting should be minimum. This apron has excellent sliding properties and low co-



efficient of friction which helps the apron to rotate with more ease contributing less towards high torque in case of super long frames. The special grade of polymer and chemicals used helps to retain the ageing properties for a long time. It has got very good wear resistance properties thus making it more suitable to work on Compact as well as conventional spinning to process cotton / viscose & its variants.

2. AE 63 SOFT COT

This product is designed for optimum blend of good yarn quality with extended grinding cycle.

The key features are:

▶ Very high rebound resilient properties and minimum compression set properties which are important for better fibre control and offering good

yarn quality.



- ▶ Optimum wear resistance properties to give the desired life.
- ▶ Recommended for conventional as well as compact spinning application for cotton spinning.

With both the above new generation products, PRECITEX continues to work on the philosophy of "Enhanced Spinning" experience to the spinning community globally.

During ITMA Milan, PRECITEX will also be showcasing their SOFT PLUS COT

Soft Plus Cot is a unique 3 layer cot design with a soft rubber layer inside.

Advantages

- ▶ Improved Yarn Quality: 10 -15% over normal 2 layer cot.
- ▶ Consistent Yarn Quality throughout cot Life.

▶ Saving in mixing cost.

With a Clear Edge over Competition with Soft Plus Cots, PRECITEX has replaced its Competitors from Europe and India on Rieter, Toyota and Saurer Machines in many Countries across the Globe.

PRECITEX invites all their patrons to visit ITMA Milan at Hall No. 2, Stand No. C 302 where a warm welcome awaits all.

For further information please contact: Precision Rubber Industries Pvt. Ltd. 201A, Poonam Chamber, Worli, Mumbai-400018

Tel: +91 2240 766444/6403 Email: info@precitex.com Web: www.precitex.com





Trützschler Group SE

Trützschler Group keen on meeting new & existing customers at mega event ITMA 2023 in Milan from 8-14th June

Hall No. 3, Stand No. C101

Visit the Trützschler Group at ITMA 2023

Trützschler is attending the ITMA in Milan from June 8 to June 14, 2023 at Fiera Milano Rho. At our 1320-square-meter stand number C101 in Hall 3, we will introduce the latest machines and technologies from the entire Trützschler Group including Spinning, Card Clothing, Nonwovens and Man-Made Fibers.

Trützschler Spinning and Trützschler Card Clothing

Trützschler Spinning will showcase innovations for carding, draw frame and combing which meet the most important customer requirements in fiber processing: higher efficiency, more sustainable raw



Trützschler offers proven solutions for textile recycling - such as the intelligent card TC 19Ri for Recycling

material utilization and intelligent automation - while also displaying the potential of digital technologies for spinning mills. Visitors can also look forward to the introduction of our new brand TRUECYCLED for textile recycling. Our machinery





expertise and technological know-how enable our customers to produce sliver with the highest possible level of quality and make it possible to turn waste into value.

Trützschler Card Clothing (TCC) will present a wide range of technologies from its clothing portfolio, which covers the complete spectrum of applications in the spinning and nonwoven markets. This includes all of the service features and machinery equipment that are supported, which will be demonstrated live at the booth as part of an "Action Point" presentation. TCC is also focusing on recycling applications and will showcase its contribution to sustainability in the textile industry. These features and functions are all supplemented by "My Wires", our digital wire performance solution that is integrated into the Trützschler digital platform.



A carded-pulp line.

Trützschler Nonwovens and Trützschler Man-Made Fibers

Trützschler Nonwovens will focus on solutions that take nonwoven production processes to a new level. The story of innovations for needle-punching will be told at two booths: Trützschler is going to concentrate on the holistic T-SUPREMA package of excellent machinery, tailor-made production lines, integrated digital support and global service. Our cooperation partner in needle-punching, the Italian company Texnology S.r.l., will offer details about machinery and applications at booth A101 in Hall 10, and will also provide a chance to check out a running needle-punching line featuring some of the T-SUPREMA machinery.

Trützschler Nonwovens will also showcase solutions for new and environmentally friendly wipe materials, as well as an innovative drying concept. Unlocking the potential of digitalization is the key topic at our T-ONE corner, where our experts will demonstrate every aspect of our digital environment – from quality control and recipe management through to real-time process monitoring and AI-based line optimization.



A first T-SUPREMA needle-punching line.

Last but not least, Trützschler Man-Made Fibers will demonstrate the power of OPTIMA, Trützschler Man-Made Fiber's flexible platform for all types of Bulk Continuous Filament (BCF) carpet and Industrial Yarn (IDY).

The ITMA offers a great opportunity for people from across the textiles industry around the world to talk to our experts from every business unit. We are excited to finally meet our new and existing customers in Milan.

About the Trützschler Group

The Trützschler Group SE is a German textile machinery manufacturer headquartered in Mönchengladbach, Germany. The company is divided into four business units: Spinning, Nonwovens, Man-Made Fibers, and Card Clothing. Trützschler machines, installations and accessories are produced and developed in ten locations worldwide. This includes four factories in Germany (Mönchengladbach, Dülmen, Egelsbach, Neubulach), as well as sites in China (Shanghai and Jiaxing), India (Ahmedabad), the USA (Charlotte), Brazil (Curitiba) and Switzerland (Winterthur). Service companies in Turkey, Mexico, Uzbekistan and Vietnam and service centers 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: Kleo Knippertz, Trützschler Group SE kleo.knippertz@truetzschler.de 02166 6078052





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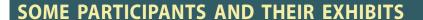
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Lenzing Instruments

Lenzing Instrument to appear at ITMA 2023, Milan from 8-14 June with its high-end quality products

Hall No. 2, Booth No. 204a

Lenzing Instruments: A Trusted Partner for Testing Solutions in the Textile Industry

Lenzing Instruments, the Austrian Textechno Group member, is a well-known supplier of high-end quality- and process control systems for filament yarn, staple fiber, nonwovens and synthetic film.

In hall 2 at booth no. 204a , trade-show visitors will gain a detailed insight into their comprehensive range of testing equipment for online, at-line and laboratory applications. The set focus for continuous development results in sophisticated testing solutions, which support the textile industry in achieving efficient and reliable quality control. This enables optimized production processes which result in minimum waste, reduced raw material consumption and fewer customer complaints. Moreover, in line with sustainability being a key theme for the textile industry, these resource saving factors connected to quality control with Lenzing Instruments also contributes to greener production processes.

Under the motto "Trusted Textile Testing", Lenzing Instruments will present solutions out of their wide product portfolio for enhanced testing efficiency, reproducibility and accuracy. At the ITMA, Lenzing Instruments is highlighting a selection of their wide product range and visitors will be able to gain hands-on experience with the following testing equipment:

High volume testing at-line, close to the production

ACW 600/DVA, DTI 600, RAPID 600 and SESS enable yarn bobbins to be tested for titer (dtex, den), molecular orientation as well as entanglement of flat and industrial yarn shortly after the last production step. Used together with the highly automized sampling system SESS, these ASTM standardized at-line testing instruments can decisively contribute to quick reactions to any detected quality issues.

Intended for high-volume offline detection of filament yarn defects such as broken filaments and fluff is **ELKOMETER 200**: Equipped with a customized number of PROMPT OLO optical defect detection sensors, the system enables simultaneous defect inspection of up to 8 yarn bobbins. Optionally, even more thorough analysis of detected defects can be achieved by means of a DEFECT VIEW unit, which yields images of each detected defect.

Online monitoring with real-time feedback to quality deviations

For visitors looking for online monitoring with sensor technology mounted directly in the production, not only the PROMPT OLO sensor and the DEFECT VIEW unit will be displayed, but there will also be an opportunity to inspect and discuss the advantages of further online sensors such as the tension sensor PROMPT OLT and PROMPT OLF for spin finish detection.

Unwinding characteristics of yarn bobbins

Exhibited is also the Package Performance Tester **PPT 100**. By means of high-precision analysis of the forces generated in the yarn bobbin/package during unwinding, its behavior in subsequent production steps becomes predictable. Analysis is made easy by means of the special package performance factor, which is generated for each tested yarn bobbin: The lower the PPF, the better it will perform during the following process steps.

Thermal shrinkage testing

Visitors will also be able to see the internationally standard-setting **TST 2**, which shows the way when it comes to thermal shrinkage testing of filament yarn such as tyre cord. TST 2 offers versatile testing of up to two samples for either shrinkage % or shrinkage force or both in one and the same test run. Users all over the world appreciate the flexible operation and the vast reporting possibilities of the TST software. The Thermal Shrinkage Tester is also available as TST 510/250 for testing of up to 10 yarn samples simultaneously, or as TST 1 for thermal shrinkage testing of one wider sample such as synthetic film of up to 50 mm width.

Spin finish content

With ALFA 500, interested parties can learn how the determination of spin finish content



SOME PARTICIPANTS AND THEIR EXHIBITS

(OPU %, FOY %) can be accomplished in a highly automized, cost-saving and environmentally friendly way for up to 28 fiber-, filament or nonwoven samples. After sample preparation, the measurement is performed fully automatically and the operator is free to carry out further quality optimizing tasks.

Testing of single fibers for titer and tenacity

Automated, reproducible and accurate titer (dtex, den) determination and verification of tensile properties of single staple fibers are easily performed with the displayed testing instruments VIBROSKOP 500 and VIBRODYN 500. Characterized by easy handling and flexible application, the instruments are ideal both for daily production control as well as for applications in research and development.

Liquid strike-through time, rewet and runoff characteristics of nonwovens

For purposes of fluid management of nonwoven coverstock or topsheet used for hygienic purposes, customers will also be able to experience all options of Lenzing Instruments' LISTER AC, WETBACK and RUNOFF, all three standardized according to INDA/EDANA. LISTER AC determines the liquid-strike through time whereas WETBACK generates precise information about the rewet properties of the nonwoven material. RUNOFF completes the material specification with reproducible and objective results of the run-off value of the material being subject to liquid discharge on the inclined plane.

Further information about Lenzing Instruments' wide portfolio with interesting information on how optimized process- and quality control can be achieved, is found at www.lenzing-instruments. com

For further information, please contact:
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Tex-Tech Industries (India) Pvt. Ltd.

Tex Tech ready to appear at ITMA 2023, Milan, from 8-14th June with its latest innovations

Hall No. 1, Stall No. E207

A Brief Profile of Tex-Tech Industries

Tex Tech Industries (India) Pvt. Ltd. has started journey in the year 1975 as a Partnership company by Late. Shri S. Srinivasan to manufacture Spare parts for cotton combers. It was the first company to manufacture New Nipper Assemblies in India.

Tex Tech specializes in manufacture of Hiperformance Retrofit kits to up-grade older generation Combers to the latest 3rd generation for achieving optimum removal of noils along with improved yarn quality levels.

Tex Tech is the only company to manufacture all types of technological Spare parts as OEM replacements for all models of Combers.

Tex Tech carry stocks of all spare parts for all modern combers and serves the Textile industry by immediate supply at competitive rates.

ITMA Milan 2023, a mega event of world textile is just only few weeks away. Tex-Tech Industries as seasoned exhibitors are keen on participating at this important event. ITMA has been proved to be a valuable platform for Tex-Tech as it has expanded its overseas market in terms of connecting with leading spinning mills worldwide. In the run up of the up-coming mega show Tex-Tech Industries are in full swing of its preparation having been equipped to showcase its latest innovations.

In terms of product range Tex-Tech Industries have worldwide reputation in manufacturing critical spare sparts for cotton spinning mills, So, the company will offer its Hi-performance retrofit Kits that upgrade 3rd generation combers to the latest 4th generation, optimizing PQY in this show. The Company intends to showcase its newly launched cofab spools and Mirra V-Combs for cotton combing machines, along with Mirra Brushes and Top Comb strips for worsted combine machines. As per expectation of visitors to gain valuable insights into the latest technology solutations and products company plans to offer latest technology solutions and products to the visitors to come from all over the world.

In regard to the business performance company's domestic market share is 65% and remaining 35% products are in shipment to South

SOME PARTICIPANTS AND THEIR EXHIBITS



East Asia, Middle East, South America Europe and America. Africa is emerging as big potential market to Tex-Tech.

At previous ITMA 2019 industry 4.0 was the big theme. Automation and digitization have become growingly important in the spinning mills and garment manufacturing industry. Tex-Tech values this trend by executing its great efforts in developing retrofit kits to help automate the spinning process, keeping up with the times.

As a global competitor the company can boast of being one-stop solution provider for all leading cotton spinning mills across the world. The company has unique selling proposition of fusion of state-of-the-art infrastructure and it has earned 47 years of expertise in combing filed. The company is keen on showing its strength before global exhibitors, competitors as well visitors in large show. ITMA 2023. Milan.

Tex-Tech's presence in production of Green Energy by its products

Tex Tech is also into production of Green Energy by installing its Own Wind Mills.

Hi-Performance Retrofit Kit E65 type for E7/5, E7/5A, E7/6, E60, E60H & E62 Combers





Benefits:

- ♦ 15-20% increase in production levels
- ♦ 1-1.5% saving in Noil
- ♦ 10-12% improvement in IPI and Classimate levels
- » Lower Nep levels due to modified Nipper Geometry
- Enhanced Nipper life due to improved construction
- → Consistency in U% levels
- Shortest Pay Back.

Hi-Performance Retrofit Kit E65 type for LK 54 & LK 64 Combers





Benefits:

- ♦ 15-20% increase in production levels
- ♦ 1-1.5% saving in Noil
- ♦ 10-12% improvement in IPI and Classimate levels
- Lower Nep levels due to modified Nipper Geometry
- Enhanced Nipper life due to improved construction



- → Consistency in U% levels
- → Shortest Pay Back.

Hi-Performance Retrofit Kit E60H type for LR E7/4 & LK 250 Combers



Benefits:

- → 15-20% increase in production levels OR
- ♦ 1-1.5% saving in Noil
- ♦ 10-12% improvement in IPI and Classimate levels
- » Lower Nep levels due to modified Nipper Geometry
- » Enhanced Nipper life due to improved construction
- → Consistency in U% levels
- Shortest Pay Back.

Hi-Performance Retrofit Kit for Sliver LAP E2/4A & Ribbon LAP E4/1A









Timing Belt Drive for Drafting Zone

Benefits:

- ♦ 15-20% improvement in production rates due to process of heavier lap weights (68 gms).
- » Reduction in Thick & Thin Places due to uniform loading on Top rollers
- → Improvement in Mean Lenght of lap due to effective drafting
- Removal of flies and loose fibres due to stripper arrangement.

For further information, please contact: Tex-Tech Industries (India) Pvt. Ltd. 27-D, V.N. Industrial Estate, Bharathi Colony Peelamedu, Coimbatore-641 004, India

Off: 2566667, 2560078, 2562796

Fax: 00-91-422-2560828

Email: textech@textechonline.com Website: www.textechonline.com.





Crealet AG

An innovative product first ever to be showcased at ITMA 2023, Milan from 8th-14th June

Hall No. 6, Booth B306

KAST ERC - automation for quality and productivity

Crealet introduces a new narrow weaving warp tension control system at ITMA 2023

A new fully-automated solution for electronic warp feeding of narrow fabrics is being presented for the first time at ITMA 2023 by Crealet, the Swiss world leader in the field. The new KAST ERC system is designed to offer best results in quality, productivity and profitability.

Crealet's mission is to empower highperformance weaving with a consistent highquality level. Minimum faults can only be achieved with optimum warp feeding. Its warp supply options - for beams or creels - focus on the key areas of maintaining constant warp tension and reducing thread breaks. The new KAST ERC (Electronic Rope Control) solution builds on Crealet's unrivalled expertise and innovative know-how to raise productivity and optimize automation for narrow fabric weavers through ingenious tensioning concepts.

Enabling best narrow weaving through technology

The key to the innovation is the realization that the warp beam does not need to be driven, as the warp tension is sufficient. So the beam needs only to be braked to maintain correct tension. Until now, this was often accomplished with weight-loaded rope brakes. However, this meant the weights had to be changed as the beam diameter reduced. To avoid this unproductive task while also keeping warp tension constant from full to empty beam, the fully-automatic KAST ERC solution was developed.





SOME PARTICIPANTS AND THEIR EXHIBITS

With KAST ERC, warp tension is monitored with load cells or alternatively with indicative distance sensors. The control unit shows either the tension or the position of the pendulum. Many functions of the established Crealet BLDC control unit – highly appreciated by customers – were additionally adopted for this control method.



Crealet KAST ERC on a Jakob Müller narrow fabric loom

In fact, the BLDC was the Crealet highlight at ITMA 2019 in Barcelona. Specially developed for narrow weaving, this control met highest demands for precision and dynamics, with its capability to adapt quickly to customer and product requirements. Future-oriented advantages included reproducibility of production data, traceability of the productionand process data, fabric data storage, and network capability. Together, these features brought the ability to drive the digital transformation in narrow weaving.

Seeing is believing

The KAST ERC was engineered to achieve increased fabric quality and productivity. The new warp tension control for ribbon weaving machinesoffers even more advantages— such as reducing labor costs by simplifying warp tension adjustment and facilitating repeatability.

Visitors at ITMA 2023 can see the KAST ERC in action at the Crealet booth (B306 in hall 6). The new warp tension control system is connected toa Jakob Müller MD narrow fabric loom for producing slings, luggage belts, lashing straps and other medium-heavy belt applications.

Crealet experts at the show will welcome detailed questions about KAST ERC. The comparison of the actual and setpoint tension values can be seen on the display of the ERC control. Weavers will be convinced that the constant changing of tensioning weights and controlsare no longer necessary with Crealet's latest innovation.

Crealet looks forward to welcoming visitors at ITMA from June 8 to 14 and sharing knowledge and experience. It's also the chance to meet new Crealet CEO Andreas Wirz and see former CEO Walter Wirz for a chat.

The profitable option

For solutions to the multiple requirements of modern warp feeding, Crealet is the ideal partner. If an existing system needs uprating, all

the warp tension control systems from its portfolio can be supplied as retrofits. Even the new KAST ERCis the ideal upgrade for both new and older machines. Crealet solutions offer real competitive advantages—and its expert personnel hasthe



Crealet KAST ERC – also ideal for retrofit

know-how and experience to optimize machine efficiency andfabric quality for customers.

A real extra value is Crealet'scommitment to devise specialized solutions for every customer, tailored to each individual business. As the world leader in electronic warp feeding systems for both wide and narrow fabricweaving, Crealet offers astrong foundation for the success of their systems, thanks to strategic partnerships with top technology providers ince 2003. "It's our mission to enable customers to realize their creative ideas now and in future," says CrealetCEO Andreas Wirz.

For further information, please contact : Walter Wirz, Emeritus CEO of Crealet Crealet AG

Hueeblistrasse 41, CH- 8636 Wald ZH, Switzerland Email: walter.wirz@crealet.ch

Phone: +41 55 286 30 21



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SOME PARTICIPANTS AND THEIR EXHIBITS

Laxmi Shuttleless Looms Pvt. Ltd.

Laxmi Shuttleless Looms Pvt Ltd. proud to launch its latest products at ITMA 2023, Milan from 8-14 June

Hall No. 6, Booth No. C108

Laxmilooms, a Shanghvi family-owned company is proud to launch their newest product, a cam-driven rapier loom (LHR 450) at ITMA 2023, Milan.

The Laxmi LHR 450 high-speed rapier loom is a state-of-the-art cam beat-up loom developed by Team LAXMI at their Ahmedabad plant under "Make in India" campaign for better sustainability and growth with indigenous manufacturing and in-house automation development of control cabinet for integrated and efficient performance of loom with easy access to operational parameters on a touch-panel and with a vision of integrating IOT 4.0 in the near future.

The Laxmi LHR 450 will be available in reed spaces from 180 cm to 380 cm with WIR of 1000 meter/minute, with suitable servo take-up & let-off (beam flange dia up to 1000 mm), with stepper motor driven 8-colour weft presenter, with pickfinding device, with independent leno motion and with energy-efficient motor, which makes it suitable for weaving light to heavy fabric.



With the introduction of Laxmi LHR 450, the company expects to have an excellent sales potential & many opportunities in various weaving markets across the globe. With the inhouse development of machine & control cabinet and customization options, a customer can take advantage of varied and specialised weaving needs.

With LHR 450, Laxmilooms is also exploring new market openings for woven technical textiles.

Laxmilooms have earlier displayed their CMA Plus automatic pirn-change shuttle loom with unifil winder and autonomous quill operation at ITME 22 in India last year. The company is looking for new market openings for selvedge denim and technical textile fabric weaving.

CMA Plus automatic pirn-change loom is available in reed space of 120 cm to 220 cm with speed of 200 to 225 picks/min, with servo take-up & let-off (beam flange dia 800 mm).

Laxmilooms looks forward to meeting you @ ITMA 2023, Milan at our booth no C108 in Hall no 6 between 8 and 14 June 2023.

Laxmilooms also expresses their thanks to The Ministry of Heavy Industries, Govt of India, CMTI, TMMA, TMMC & the entire Indian textile industry for the assistance & encouragement received during the development of the LHR 450 loom.

For further information, please contact: Laxmi Shuttleless Looms Pvt. Ltd. Head Office & Works: Shanghvi Estate, G.S.T. Road, Ranip,

Shanghvi Estate, G.S.T. Road, Ranip, Ahmedabad-382470, Gujarat, India

Tel: +91-79-27590067/68 Ext. 132

Tel: +91 9924191133 Sales Office: Surat

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Surat-395002, Gujarat, India

Tel: +91 9157212116 Sales Office: West Bengal

Madhuban Society, Near Bank of India

PO Kalna, Dist. Purba Bardhaman Kalna-713409, West Bengal, India

Tel: +91 9081321211

Email : sco1@laxmilooms.com Website : www.laxmilooms.com

Loepfe Brother Ltd

Loepfe rolls out its latest products YarnMaster Prisma at ITMA 2023, Milan to be held from 8-14 June

Hall No. 3, Booth No. B205

Autoclearing

Clever Yarn Clearing at its best

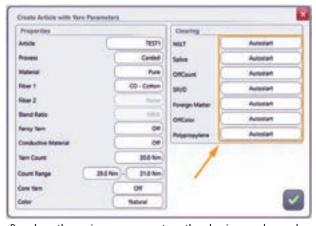
Introducing YarnMaster® PRISMA Autoclearing - the perfect solution for ease of use in yarn clearing. Time and resources are saved while efficiency and quality remain stable at the highest level. PRISMA Autoclearing offers the cleverest and most effortless yarn clearing

SOME PARTICIPANTS AND THEIR EXHIBITS

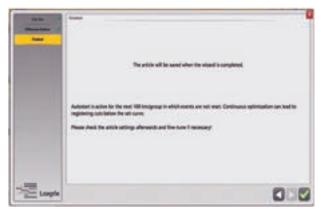


experience on the market - including the features Autostart and Autocorrect.

The latest PRISMA software update 2023-H1 contains the new function Autostart and improved Autocorrect - providing the ultimate solution for spinners' yarn clearing needs.



Based on the main yarn parameters, the clearing mode can be selected. By default, Autostart is activated.



This pop-up message informs the user about the possibility of later fine-tuning.

Autostart offers the fastest and safest way to create secure settings for new and existing articles. The clever software automatically creates clearing curves for all matrixes, based on yarn quality data from the first 100km/group. This reduces the need to manually go through all matrixes and their curve settings.





SOME PARTICIPANTS AND THEIR EXHIBITS

PRISMA Autostart is a must-have for any quality manager. It saves up to one hour of setting time when creating a new article. Likewise, the persons in charge can be sure that with PRISMA's built-in intelligence, the winding process is set up for optimum performance. It provides a balance between yarn quality and machine efficiency. It also assists new operators and prevents the production of insufficient yarn quality due to incorrect settings. In addition, new commissioning of winding machines is also simplified as the clearer system supports the initial job of adjustments.

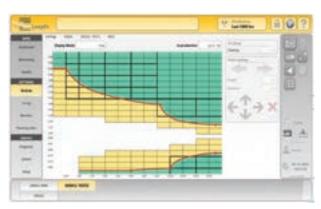


Matrixes that will be automatically started are highlighted in a blue color to indicate that Autostart is active.

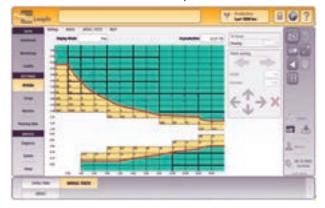


The active Autostart modus is also highlighted in blue in the article overview.

After the completion of the Autostart, the curves can be fine-tuned according to the individual needs, if required. As further support, the trusted LoepfeTestmode can be used for fine-tuning the settings.



Autostart: Example NSLT matrix: The default setting right from the start-up.



Autostart: Example NSLT matrix: Optimized clearing curves at 50 km/group.

If changes are necessary during the winding process, the operators can rely on the Autocorrect function. Autocorrect can be used to readjust the clearing curve based on the quality data of running articles. This ensures a quick and correct reaction to changes at any time. Furthermore, the sensitivity level of Autocorrect can be used to finetune clearing curves very precisely. The cut forecast provides an overview of the rising or falling cuts of the planned changes. This allows decision-making with a balance of efficiency and quality in mind.

PRISMA's clever yarn clearing is the ultimate solution for spinning mills, providing support and security, optimum user experience, and time and cost savings.

For further information, please contact: Ms. Martina Fasano, Marketing Loepfe Brother Ltd Post Box 582 CZ 8623, Wetzikon Switzerland



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Website: www.mohlermachine.com



Rimtex Group of Industries

Unfolding at ITMA 2023, Milan, from 8-14 June Rimtex Group's transformative spinning technologies. Get ready to be amazed!

Hall 1, Stand No. E202

Embracing its legacy of innovation and excellence in manufacturing spinning cans and components, Rimtex Group is poised to unveil a remarkable array of product innovations and showcase their latest international line-up at the highly anticipated ITMA 2023 event in Milan. Committed to propelling spinning technology forward, Rimtex aims to empower spinning mills with transformative solutions that not only enhance the value of yarn but also revolutionise the efficiency of spinning machines. If we go by the reports, the Rimtex group promises to introduce a new era of cutting-edge advancements that will redefine the spinning industry's future.

In the quest for enhanced production efficiency and elevated quality standards, leading spinners worldwide are on the lookout for new paradigms. Recognising the evolving needs of the yarn manufacturing industry, Rimtex Group diligently monitors its development and steadfastly commits to spearheading the future of spinning. With a strong focus and research on sustainability, spinning mill agility, futureoriented sliver can transportation solutions, the optimal lifespan of spinning rings and travellers, and segment-specific castors and wheel designs, the Rimtex Group has been developing a host of technologies. The culmination of these efforts will be unveiled at ITMA 2023, where Rimtex is set to showcase a range of ground-breaking technological innovations. The buzz surrounding these advancements is palpable, and the industry eagerly awaits advancements from Rimtex.

For decades, Rimtex has been at the forefront of technological shifts in the industry, and this year's ITMA is set to be bigger, better, and more spectacular than ever. Mr. Gaurav Parmar, joint MD of Rimtex Group, expresses their commitment to the development of the spinning industry, stating, "The industry looks up to Rimtex Group for new solutions that set the course for the future. Each one of us at Rimtex is driven by our passion and dedication, which fuels our innovative ideas and pioneering technologies. This ITMA will be truly special as we launch a whole new range of

futuristic spinning solutions. We are excited to welcome you to our stand at ITMA."

With the captivating theme 'Here to Transform', Rimtex Group has set the stage for an exciting and transformative experience. The anticipation grows as we await the unveiling of their visionary spinning solutions at the event. Make sure to visit Rimtex Group in Hall 1, Stand no E202.

For further information, please contact :

Rimtex Group of Industries

Wadhwan - 363 035, Gujarat, India

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Website: www.rimtex.com

Mimaki Europe

Mimaki to showcase its products incorporating cutting-edge technologies at ITMA 2023 from 8-14 June in Milan, Italy

Hall No. 7, Booth No. C304

Recent innovations will be joined by exclusive on-site launches that further enhance technical capability and sustainability credentials.

Mimaki Europe, the leading manufacturer of inkjet printing and cutting technologies, will showcase its sustainability and circularity solutions, launch new printers, and celebrate international design collaborations on booth H7-C304 at ITMA 2023(08–14 June 2023 Fiera Milano RHO, Milan, Italy).



Ideal for creating premium, customised textile applications, Mimaki's new TxF150-75 is their first DTF inkjet printer.

SOME PARTICIPANTS AND THEIR EXHIBITS



Sustainability and circularity are essential considerations for any business today. Working in alignment with the United Nations' Sustainable Development Goals (SDGs), Mimaki will use ITMA 2023 to showcase its completely waterless digital textile print solutions that are leading the charge in the print industry's sustainability goals, including direct-to-film printing and dye sublimation printing.

Mimaki's most recent solution for the decorated apparel segment, the recentlyannounced direct-to-film (DTF)TxF150-75 inkjet printer, will be demonstrated at the event. Utilising a heat-based transfer method, the printer is ideal for creating premium, customised merchandising, sportswear, and various other promotional textile applications.

Users looking to scale-up their textile printing can see the TS330-1600 high-volume sublimation printer showcased at Mimaki's booth. The TS330-1600 has a maximum print speed of 135m2/h, facilitated by a 10kg ink supply and improved take-up mechanism and is able to print with fluorescent colours for even more applications.



With the TxF150-75, printers cancreate vibrant, customisable designs for applications such as t-shirts and tote bags.

Several new models, including abrand-new textile printer, will be debuted at ITMA 2023, building on the company's existing industry-

leading portfolio and the sector's sustainability credentials. Mimaki's textile printers offer high-stability performance and advanced print technology, delivering unbeatable print speed and print quality across both direct and transfer printing.

The booth will feature examples of collaborative projects with a global roster of design talent, from the US to Australia to Italy, who have all deployed Mimaki's sustainable print solutions to createsome exciting textile applications. As part of the company's vision for the future, Mimaki continues to leverage collaborations with designers and artists from around the globe to engage with new perspectives and stay close to the pulse of the markets and its needs.

About Mimaki

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

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SOME PARTICIPANTS AND THEIR EXHIBITS

Technocraft Texmach Pvt. Ltd.

Technocraft Texmach keen to participate at ITMA 2023, Milan from 8-14, June with its latest innovations

Hall No. 10 Stall No. B-107

Journey of Success

Technocraft Ahmedabad, had started business in 1970, having experience and expertise for more than four decade, established as a leader in textile related, now professionally managed company specialised in competitive market of textile machineries and its accessories.

Technocraft Industries has gained prominence as a leading manufacturer of products like weaver beams, dynamically balance warper beams, transport & handling hydraulic equipments for beams as well as cloth rolls, aluminium anodized cloth rolls, cloth making-up machines, web guiding equipments. "A" frame batching trolleys and other kind of trolleys for fabric processing industries. Our long experience and our association with world leading textile machine manufacturers has allowed us to study the most effective alternatives for solving any type of problems. We gained a lot of experiences in presentation of our latest products at various national & international textile exhibitions such as India ITME, World ITMA in Europe etc.

Over the years, Technocraft have been able to maintain its dominant position to become a most valued company in textile business by providing world class quality products and services to our customers and maintain highest level of customer satisfication due to its customer's friendly policy. "Satisfied customer is the best ambassador" has been the guiding philosophy of the company. Mission-growth of company employees and associates adopting advanced technology making it great place to work enhance value.

Range of products

Accessories for weaving preparation

Dynamically balanced warper beams with die-casted aluminum alloy flanges suitable for Benninger, Karl Mayer, Hakoba, Griffins, Jupiter, Prashant west-point, Amritlakshmi and other high speed direct warping machines suitable for spun and filament yarns having flange diameters up to 1600 mm (solid construction as well as hollowdouble walled type). Weaver Beams — single as well as twin section with die-casted aluminum alloy flanges suitable for Picanol, Tsudakoma, Toyota, Sulzer, Dornier, Somet, Vamatex, Itema, Panter and other air jet/water jet/rapier high speed weaving machines having flange diameters upto 1270 mm. Different Quality of beams — Q1/Q2/Q3/Q4 for different yarn quality.



- Aluminum anodised cloth rolls for all types of modern weaving machines.
- Transport and handling trolleys like beam carrier, beam carrier with harness mounting arrangement, pile beam (top beam) mounting trolley, pallet type beam transport trolley, empty beam carrier, cloth roll doffing trolley & other tailor made trolleys as per client's requirement for modern weaving units.
- » Reed storage rack.

Cloth making-up machines

- » Cloth Inspection Machine.
- Cloth Folding & Plaiting Machine. (Single Folding/Double Folding).
- Cloth Rolling Machine.
- Cloth Swatch/Sample Cutting Machine. (Manual & Motor Operated - PLC Controled)

Accessories For Processing Unit

- Cloth guiders (mechanical, pneumatic, electromagnetic, etc.)
- Electro-magnetic cloth guider for double folding & plainting m/c.
- Bow & weft unit.
- Curved bar (bow type) expanders.
- Slet expanders.
- ♦ Two finger/three finger uncurlers.
- "A" frame batching trolleys in channel as well as in tubular construction.

SOME PARTICIPANTS AND THEIR EXHIBITS



Box type, Horse back trolley for transportation of fabric.

Warper Beams

Warper Beams for high speed warping m/c. suitable for spun and filament yarn. Available in flange dia. 660/800/900/1000/1250/1400/1600 mm.



Weaver Beams

Die-casted aluminum alloy flanged beams in Single/Twin section available in flange dia upto 1270 mm & workign width upto 550 cm.





TBL - 101 Warp Beam Trolley

Ideal for lifting & transporting warp beam from floor & to put it on loom. Available in different width & lifting capacity.



TBG - 102 Warp beam trolley with harness mounting arrangement

For lifting single warp beam along with harness frames, warp stop motion serrated bars, drop pins & reed from draw-in stand & to put it on loom. Lifting of beam as well as harness frames will be hydraulic operated. This model is suitable for loom width up to 220 cm & carrying capacity upto 1500 kg.



TBC - 104 Cloth roll doffing trolley

For lifting the cloth roll from loom and put it on floor. Suitable for maximum roll dia. up to 600 mm and lifting capacity up to 300 kg.



SOME PARTICIPANTS AND THEIR EXHIBITS

TPL - 106 Pile Beam Mounting Trolley

Useful for handling pile beam (Top Beam) for terry towel & furnishing fabric unit, the trolley is ideal for lifting the pile beam from floor & to put it on loom. The lifting operation by heavy duty electro-hydraulic power pack unit. The width of trolley can be adjustable (Narrow/Wide) as per the width of flange diameter from 800 mm to 1250 mm & lifting capacity upto 2500 kg.



TBE - 105 Empty beam trolley

To lift & transport empty beam (Floor to Floor Movement). Suitable for beam flange dia up to 1250 mm, beam barrel dia. up to 320 mm and carrying capacity upto 300 kg.

TBP - 108 Pallet type warp beam trolley

For easy & smooth movement of warp beam from floor to floor. Suitable for beam width up to 3800 mm, beam flange diameter from 800 to 1250 mm. & lifting capacity up to 3000 kg.



Cloth Sample Cutting Machine (Motorised) Salient Features

- Precise positioning and repetative accuracy every time.
- Various pre-programme and choice as per customer's requirement for cut to length at finger tip



- One button operation through PCL touch screen panel.
- → Better productivity.
- Auto stop function with photo electronic safety sensor & bright red optical laser line marking system.
- ♦ Available in different blade size having 13", 18", 24", 32", 36" & 48".

Cloth Sample Cutting Machine (Manual)

- Solid construction & compact table mounting model.
- Suitable for cutting small numbers of samples.
- Easy operation by rotating the fly wheels in anti-clockwise direction to get zigzag cutting blade to downward.



SOME PARTICIPANTS AND THEIR EXHIBITS



- Ratchet handle lever to get easy cutting of fabric and also get the reverse operation of machine.
- Provided guide plate with cm/mm graduation to get even size of samples to be cut.



- Safety guard provided.
- Models available in different blade size of 13" & 18".

TI-20 S.S. Version

To be installed for fabric process in wet, acid, alkaline and demanding, ambient condition, specially in bleaching, mercerising, dampling etc.

Available in 280 mm & 400 mm roller length.

Cloth Guider Mounting Bar

Suitable for mounting a pair of cloth guiders on machine frame.



Width between cloth guiders can be adjusted by rotating the handwheel or respective side.

Cuved (Bow Type) Expander Bar

Easy to install on any fabric processing machine.

Effective performance for removal of crease as well as to get web tension.

Curve angle can be changed by means of ball type fixing pedestal/gear unit.



K.B. METALIC INDUSTRIES

Panchal Sahkari Udyog Nagar, Nr. Vadilal Ice-Cream Factory, Tavdipura, Ahmedabad-380004
 Telefax: +91-79-25621245 Mobile: 91-93761 01009 E-mail: jt_panchal@yahoo.com



SOME PARTICIPANTS AND THEIR EXHIBITS

The Material of rubber sleeve used as per the application i.e Natural / synthetic / hypolone / polyurethane. Suitable for fabric speed max. up to 200 mtr./min.



"A" Frame Batching Trolley (Channel Construction) Batching Trolley (Tubular Construction)

Technocraft industries expertise in manufacturing "A" frame batching trolleys in M. S. channel construction as well as tubular construction, ideal for transportation of dry and wet fabric in textile processing/finishing unit. We offer trolleys having width, starting from 1200 mm to 4000 mm & capacity upto max 5 tonne. The base frame structure designed such as to take heavy load even with lowest possible frame weight. We offer well machined, balanced and strong enough batch roller as per client's requirement / application, i.e. epoxy coated / ebonite coated /



S. S. sheet cladded. This trolley offers solutions to textile processing units to wind/unwind and transport fabric.

We manufacture the trolleys by using optimum quality raw materials to add higher durability and are robust in construction. Our heavy duty batching trolleys are high in performance and low in maintenance.

Following are the special features of our Trolley

- Fabricated from heavy duty IS standard M.S. channels.
- Batching roller will be well machine, made from M. S. heavy seamless pipe, heavy shaft with sufficient stiffners inside pipe for better strength. The roller will be statically balanced to avoid jerks during operation as well to ensure long life of ball bearings.



- Drive coupling fitted on one side of roller, to couple the batch with centre winder, whereas on other side, braking, system consisting of tension pulley, brake bend, wire wound brake liner, spring, knob, to apply desired tension/ brakes on batch roller.
- ♦ Heavy duty ball bearing pedestals fitted at both ends of batching roller.
- Arrangement for mounting drive coupling holder bracket.
- To get the trolley in required position, locking rods provided.
- → Pushing/pulling handles at both sides.
- Also offer swivel type pulling system at front side.
- » A job card holder at either side of trolley.
- Best quality UHMW nylon or rubber coated double ball beared wheels are applied to offer

SOME PARTICIPANTS AND THEIR EXHIBITS

free movement with minimum efforts even at heavy loads.

- → A trolley puller bracket provided at either side to lift, pull and transport.
- » Painted with best quality of enamel paints.
- » Also manufacture tailor-made trolley as per the customer's specifications.

Infrastructure Facility

State of the art add on manufacturing facilities at Odhav, Ahmedabad

Additional 27000 sq. ft. area added at Ahmedabad at Odhav-Kathwada in addition to the existing 15000 sq. ft. area at Nikol, Ahmedabad to cater large customer base, with latest machine including CNC machines, fully equipped machine shop, computerised dynamic balancing equipment, zinc coating plant, painting shop, etc.

Office building

1700 Sq. ft. office area with design, quality control, finance, store and after sales & service department at one place to cater our customers requirements professionally. Capacity - 300 plus sets of weaver/warper beams, 300 plus cloth rolls per month and other handling equipments for textile industries.

For further information please contact: Technocraft Texmach Pvt. Ltd. Plot No. A-34, Bileshwar Ind. Estate Opp: Gujarat Vepari Maha Mandal, Nr. Kathwada GIDC, Odhav, Ahmedabad - 382415

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SOME PARTICIPANTS AND THEIR EXHIBITS

Textechno Group

Textechno to appear at ITMA 2023, Milan from 8-14 June with its latest innovations

Hall No. 2, Stand No. B204

Fimatest: Textechno's a new suitable pull-out test system

The performance of composite materials strongly depends on the adhesion of the fibres to the matrix. On the microscopic level different test procedures have been established in various research institutes, however, most results are not comparable, since none of these tests is standardized or commercially available.

In order to make a versatile and reproducible single-fibre pull-out test available to institutes and industrial customers world-wide, Textechno,



Textechno's new FIMABOND device

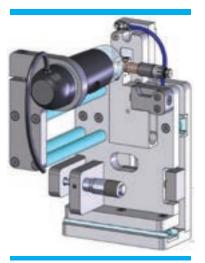
leading experts in the field of fibre testing, are developing a suitable system together with the Leibniz Institute of Polymer research Dresden (IPF) and the Faserinstitut Bremen (FIBRE). While the IPF has long-standing competence and experience in the field of fibretomatrix adhesion, FIBRE contributes by their experience

in image analysis. The system consists of two devices: the partially automated embedding station FIMABOND, which is suited for all kind of reinforcement fibres as well as for thermoset, thermoplastic or mineral matrices, and a device that performs high precision pull-out tests as a new accessory to Textechno's single-fibre linear-density and tensile tester FAVIMAT+.

One of the most critical points to assure reproducible results in a micro-bond test is the precise embedding of the fibre which is required to avoid shear forces. For this purpose the fibre has to be embedded exactly in the center of the matrix droplet. The critical adjustment process assuring this will - in the final version of the embedding station - be controlled by an image analyses software developed by FIBRE.

The integration of the pull-out testing device into Textechno's FAVIMAT+ saves money to

the applicant, since this versatile single-fibre tester fulfills the requirements with its high-resolution load cell (1µN at 200 cN full range) and highly precise and sturdy mechanics. The integrated lineardensity test allows easy and precise determination of linear density, cross section as well as modulus,



The pull-out device to be installed in Textechno's FAVIMAT+

breaking strength and elongation (in combination with the tensile test). A microscopic camera facilitates the adjustment of the clamps as close as possible to the matrix surface with perfect alignment.

The complete set-up is called FIMATEST consisting of the embedding station FIMABOND and the tensile- and pull-out tester FAVIMAT+. The new system will be exhibited at JEC Paris 2016.

Composite testing instruments and in-house testing services

Fibre-Matrix adhesion

Detailed characterization of the fibre-matrix adhesion for all fibres with thermoset and thermoplastic matrices as well as cement, measured by FIMATEST.

Single fibre/filament characterization

Precise determination of lineardensity, diameter, tensile strength, elongation at break, breaking stress, modulus, on single fibres/filaments of all kinds by FAVIMAT+.

Roving and yarn characterization

Linear-density, strength, elongation, stress, modulus, etc. on yarns and rovings of all kinds

SOME PARTICIPANTS AND THEIR EXHIBITS



of fibres including high-tenacity yarns such as Aramid or UHMWPE are measured by STATIMAT 4U.



Roving processing properties

Friction properties, spreading behaviour, broken filaments after contact with different surfaces etc. are determined by ROVINGTEST.

Drapability of fabrics

Gaps, fibre orientation, ondulation or wrinkles occuring during forming of classic and non-crimp fabrics are detected according to DIN SPEC 8100 by DRAPETEST.



Testing solutions for composites

Textechno is the market and technology leader for design and manufacturing of precision testing equipment and systems for fibres, yarns and rovings in textile and composite applications.

Textechno your partner of choice for quality assurance

- ▶ Quality made in Germany
- ▶ Family owned
- ▶ 70 years of experience (founded in 1949)
- ► Complete in-house development and manufacturing: software, electronics, mechanics
- ► Reliable, innovative and highly automated testing technology
- ▶ Short lead times
- ▶ High flexibility
- **▶** Full service support
- ▶ In-house testing services

Your contacts





Dr. Stefan Fliescher Assistant Managing Director s.fliescher@textechno.com

Claudia Poitzsch Manager Composite Services c.poitzsch@textechno.com

The following machines will be exhibited at Textile fair ITMA 2023

- 1. Fibre Testing Synthetic and Natural Fibers
- 2. Yarn Testing Filament and Spun Yarn
- 3. Laboratory Engineering Design, Delivery, Installation, and Training
- 4. Fabric Testing Woven and Knitted Fabrics
- 5. Testing Solutions for Composites

Textechno GMBH & Co. KG is designer and manufacturer of precision test equipment for textile and man-made fibers. Headquartered in Monchengladbach, Germany, established nearly 75 years ago. Textechno, World market and technology leader in their fields. Textechno stands for reliable innovative, and highly automated technology with outstanding production quality that forms sustainable testing systems.

At ITMA 2023 in Milano, besides the standard testing systems for classical and technical textiles, Textechno will exhibit several novelties. Two of these highlights are a new weak spot tester for spun yarns as well as a modular testing system which determines the most important quality parameters of recycled fibers. Please send us latest and lay out name of the instrument.

The increasing importance of work safety as well as new demands for testing reinforcement fibers have motivated Textechno to develop a new electronic wrap reel which will be shown at Milano

It is applicable to textile yarns as well as technical yarns and reinforcement fibers used in composites such as carbon fiber tows and glass fiber rovings.



SOME PARTICIPANTS AND THEIR EXHIBITS

Since our single fibre testers are suitable for all kinds of fibers, Textechno has already successfully entered the market of testing reinforcement fibers such as glass or carbon fibre. At ITMA we will show an integrated measurement of the fibre conductivity that is especially interesting in the field of smart textiles.

For the new section Composites at ITMA, Textechno demonstrates testing systems for fibre/matrix adhesion and for the characterization of roving and tow properties.

Our Directors Mr. Pradeep Gupta, Mr. Aditya Gupta & Mr. Varun Gupta will be present to welcome you at ITMA Milano 2023. See you at ITMA Milano 2023, Italy from 8th to 14th June 2023 at - Stand at Hall No. 2 & Booth No. B204 Textechno Group.

For further information, please contact: Textechno Textile Testing Technology World Traders Mfg. Co. 1413, Maker Chamber V, 221, Nariman Point, Mumbai 400021, India

Tel: +91-22-22872935/22843423

Fax: +91-22-22872534

Om Corporation

Om Corporation ready to participate at global mega textile event, ITMA 2023, Milan from 8-14 June with its latest innovative products

Hall No. 6 Stall No. B213

Om Corporation never compromises



with quality of manufacturing and supplying its weaving machinery & spare parts. Om Corporation firmly sticks to quality products. Company firmly believes the adherence to maintain quality in making product by which a company survives for long and it leads to enhance brand-value.

Gujarat, Ahmedabad based Om Corporation started this journey from 1985 with product of

spare parts for Air jet, water jet, Rapier weaving machinery. The company uses the same OEM metallurgy as used by the weaving machine brand, while developing a spare part for a new and old models. Om Corporation has around more than 12000 stock keeping units (SKLJs) and it manufactures spare parts for many branded mills. But the biggest challenge ahead that company faces, is import of low-quality spares which are largely being sold at high discounted prices.

Over the last few years smaller weaving plants intend to using low quality imported spares for minimizing cost but big textile corporate mills and exporters never turn to such inferior quality spare parts and they do not compromise on the quality of fabrics. We have built ground of quality product and the company will uphold ethics not to surrender to fierce attack of cheap products at any cost. Company firmly believes that smaller weaving mills are sure to realise eventually that low-quality cannot save the cost for long run production process because of its vulnerability.

Om Corporation at present is the supplier of spare parts to small units to big corporate mills like Vardhman Group, Sangam India, Arvind Mills and many other corporate group in all over India and also abroad.

Currently company sells around 80-90% of its total production in Indian domestic market and remaining goes for exports to many countries. The company participates at various national and international textile Machinery for promote spare parts globally.

For further Information, please contact: M/s. Om Corporation 601-A.ABC-1,
Behind Gala Commercial Complex,
Nr. Wagh Bakri Tea Corner,
Off. C.G.Road, Navrangpura,
Ahmedabad - 380 006

Tel: +91-79-40062484, +91-79-2646 1104 Mobile: +91 98251 88333, +91 7069888339 Email: info@omcorporation.org/co.in Web: www.omcorporation.org/co.in



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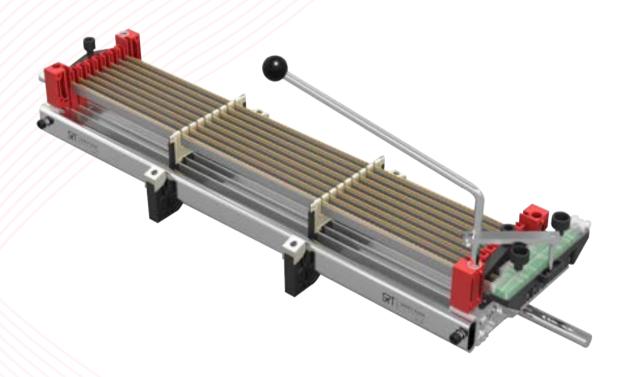
WARP STOP MOTION

For Airjet, Rapier, Waterjet & Shuttle Looms



ELECTRICAL CONTACT BAR

For All Make Airjet, Rapier, Waterjet Looms





India's one of the largest manufacturers



Exported in more than 15+ Countries



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1 million+ installation across the globe

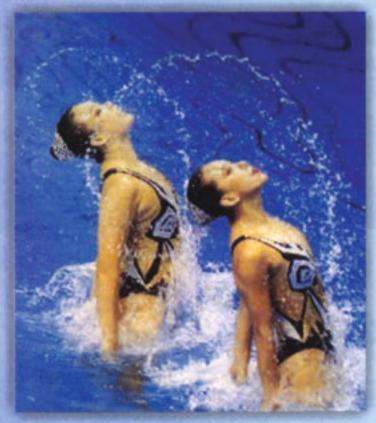
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Dhara Engineering Works

Dhara Engineering Works to showcase its latest innovation at ITMA 2023, Milan, from 8-14 June

Hall No. 9, Stall No. D308

A brief profile of Dhara Engineering Works

Dhara Engineering Works is one of the leading Stainless Steel Fabricator and mainly an OEM supplier to global textile machinery manufacturers. With more than three decades of industry presence, the company is now a reputed player in this field. Based in Ahmedabad, the company has been at the forefront of offering a wide range of value-for-money products. The stringent quality control measures employed by the company ensure quality products that adhere to specifications. The modern process technology and professional expertise enable the company to cater to the precise demand of its customers. Further, the strategic location of Dhara Tex Rolls in Ahmedabad makes

it easily approachable through all modes of transportation. Moreover, this also facilitates timely delivery and prompt post-sales service to its customers. A team of experts along with sophisticated infrastructure equipped with all necessary amenities help in boosting the production capacity of the company.

Dhara Tex Rolls considers customer satisfaction of paramount importance. The company strives hard to offer superior quality products of international standards by exploiting all its technological and instrumental expertise. Established in the year 1991, the company now features high on the priority list of its customers.

Founder and Promoter

Mr. Karsandasbhai Panchal, the Founder of Dhara Engineering Works has 45 years of experience in textile engineering industry. The success and position of Dhara Tex Rolls is due to his continuous efforts and vast experience.



Mr. Shailesh Panchal the Co-promoter of Dhara Engineering Works, has 25 years of experience in Administration and Human Resources Management and is a solid bridge

between Production and Marketing handled by Mr. Jay Panchal.

Vision

Stainless Steel Fabrication for various Textile Machinery for such valued clients who want better than best quality.

Mission

Dhara Engineering Works is committed to superior level of satisfaction for their valued clients in obtaining repeat orders by providing reliable quality products, user friendly communication and prompt delivery.

Products

- ▶ Drying Cylinders/Cans
- ▶ Jacketed Cooling/Heating Cylinders
- **▶** Storage Vessels
- ▶ Premixing Vessels
- ▶ Cooking Vessels
- ▶ Vertical/Horizontal Drying Range
- **▶** Guide Rollers

Drying Cylinder/Can

Specially developed manufacturing process and more than 35 years of experience in the production of the walled cylinders ensure products of highest quality. The cylinders are characterized by particularly low radial run-out and perfect welding workmanship.



The thin-walled steam cylinders are designed and constructed as pressure vessles, in-line with customer's requirement and specifications. These cylinders are used in sizing, non-woven ranges as well as in textile and technical fabric finishing machines.

♦ Annual Production Capacity – 3000

SOME PARTICIPANTS AND THEIR EXHIBITS

- Diameter - 400mm to 800mm
- 1000 to 4000mm ♦ Working Width
- ♦ Hydraulic Test Pressure - 3 Bar to 12 Bar
- ♦ Working Pressure - 1 Bar to 6 Bar
- Shell Thickness - 2mm to 4mm
- SS304/SS316 Surface Finish Polished/Teflon coated

Jacketed Cooling / Heating Cylinder

The defined re-cooling of the web after thermal processing is of special significance. If the web temperature is too high in relation to the next stage of processing e.g. cold pad batch dyeing or in chemical web impregnation, it would make the dye/ chemical bath temperature increase within a short time, causing a considerable product quality loss. At



Dhara, our scope of production basically includes two types of cooling cylinders with water-spraying system without controlled water circulation or with guide spiral double shell cooling cylinders. The even cooling and the temperature tolerance of less than ± 2°C across the whole width is guaranteed through the precise execution of the water guidance system.

Similarly Oil heating spiral circulation cylinders are offered for Textile & Non Textile industries.

- Diameter
- ♦ Working Width
- ♦ Hydraulic Test Pressure 3 Bar to 5 Bar
- ♦ Working Pressure
- ◆ Inner Shell Thickness
- Outer Shell Thicknes
- Outer Shell
- Surface Finish

- 400 mm to 800 mm
- 1000 to 4000 mm
- 1 Bar to 3 Bar
- 5mm to 12mm (SS/MS)
- 2 mm to 4 mm
- SS304/SS316/Mild Steel
- Polished/Teflon Coated/Hard Chrome Plated





Guide Rollers

Made of Stainless Steel/Mild Steel/Aluminum Light weight Roller for lowest possible fabric Tension Less Torque required

- Diameter
- 100 mm to 400 mm
- ♦ Working Width
- 1000 mm to 3600 mm

Type

- Plain/Fluted



Size Cooking Vessel

Size Cooker is compatible to any grade or size and ensures low viscosity even with starch sizes. It is designed to ensure easy operation and low maintenance. The stainless steel 304/316 pressure vessel has glass wool insulation and is jacketed outside to prevent heat loss.

The Stainless Steel Multilayer Blade Stirrer is positively driven by high torque AC geared motor. Direct Steam inlet thro perforated stainless steel pipe. Size Material loading thro manhole on the top that has hinged door and eyebolts. An indirect heating facilitate the cooker to be used as a storage vessel if required.

Capacity

- 1000 to 5000 Liters

Type

- Open/Pressurized

Heating

- Direct/Indirect

Size Storage Vessel

Stainless steel 304/316 storage Tank is provided with insulation from outside to prevent heat loss. SS stirrer work at a low speed and is driven by high torque AC Geared Motor on top of the vessel.

Capacity

- 1000 to 5000 Liters

Heating

- Direct / Indirect

Size Premixing Vessell

SS 304/316 mixing vessel is mainly used for homogenous mixture of size chemicals at ambient temperature. This stainless steel open vessel is provided with a high speed propeller stirrer which

can be either clamped on to the rim of the kettle with swiveling arrangement or mounted vertically on the top of vessel. The position of propeller stirrer can be fixed high or low position to achieve best stirring results.

Capacity

- 1000 to 2500 Litres

For further information please contact: **Dhara Engineering Works** Plot No. 4011, Road No. 4R, Phase-IV G.I.D.C., Vatva, Behind New Nirma Ahmedabad-382445, (Gujarat) India

Phone: +91 98240 59699, +91 9998181778 Email: sales@dharaengineeringworks.com

jay.dharatexrolls@gmail.com

Website: www.dharaengineeringworks.com

Sheeba Enterprise

Journey of success of Sheeba Engineering Co., Ahmedabad, India

We would like to introduce our self as one of the leading Manufacturer and Exporter of HTHP Dyeing machines accessories, for the last two decades, our range includes Dyeing carriers, Spindles, Gravity locks, various types of accessories and Dye springs in Stainless steel manufactures from India. Sheeba







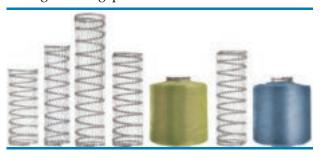
SOME PARTICIPANTS AND THEIR EXHIBITS

Enterprise is a known name in international textile arena with participation at various global textile exhibitions including ITMA.

The only company in India exclusively manufacturing the entire range of spares for all HTHP Dyeing machines in SS 316L quality and follow the highest standards in our state of the art manufacturing unit.

Our 11,000 sq.ft having latest manufacturing unit has a skilled, committed and dedicated workforce.

We are the most trusted and leading manufacturer of Dyeing Carriers, Accessories and Dye Springs use for textile Processing industry and are supplying all over INDIA & Exporting to almost 42 countries. We export our products to countries like Belgium, Bulgaria, France, Germany, Italy, Portugal, Spain, Switzerland, Turkey, U.K., Czech Republic, Bangladesh, China, Hong Kong, Indonesia, Japan, Korea, Mauritius, Nepal, Oman, Singapore, Sri Lanka, Thailand, Canada, Egypt, Nigeria, Jeddah, UAE, South Africa, Argentina, Brazil, Equador, Guatemala, Mexico, Morocco, Peru, Moldova, Slovenia and many more. We are committed to total customer satisfaction so we are having a strong presence worldwide.



Spares are suitable for all Indian & Imported Brand Machinery like FONGS, THIES, THEN SHOOL, ILMA, HISAKA, SIR JACOB & PEGGS, JOSEPH-JASPER, CUBOTEX, POZZI, GALVININ, OBEM, LORRIS BELLINI, ATYC, NOSEDA, GOFRONTS, LAIP, GASTON COUNTY, MASTER, JUSAPAC, DALAL & STAFI MACHINES IN INDIA.

Apart from supplying our accessories to all leading Groups in India, we are also OEM supplier to leading HTHP machines manufactures in India, Turkey, and Portugal including Thies in Germany.

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For further information, please contact : Sheeba Enterprise (Formerly known Sheeba Engineering Co. Office & Unit-01 Plot No. 1515, Phase III, GIDC, Vatva Ahemdabad-382445, Gujarat, India Unit-02

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Gayatri Textile Machines

Customers' satisfaction is a major aim of **Gayatri Textile Machines**

Our prime motto is to satisfy customer in all respects. Only customer's satisfaction is our profit margin. Considering Quality, Prompt Delivery, Price & after Sales Service, we are getting good responses from India and International Market. Gayatri Textile Machine has gained a lot of International reputation having participated at many national & international textile trade fair like India ITME, ITM, DTG, VTG and ITMA etc.

Continuous design development / modification are being made in our range of products by studying customer's exact requirement, hence our products are successfully competing with others and exporting regularly in textile global market.

Last but not least, our entire expert technicians are working under one roof-Gayatri Textile Machines.

Cot Grinding Machine Model GCGHY-200-25-AF

This machine has been sophistically designed and constructed to perform vibration free for high accuracy, high productivity, Superior operability with very less maintenance. Hydro - Pneumatically operated to grind R/F and S/F (Murata Airjet, Sussen, Rocos etc) Top rollers only on pneumatically operated Centrelss Grinding Attachment with 200 min. wide emery having surface finish/accuracy as per international standards. To load 75 to 80 Top rollers of R/F or S/F at a time in adjustable

SOME PARTICIPANTS AND THEIR EXHIBITS



magazine which will come one by one for grinding automatically with auto feeding system which is controlled by digital LCD electronic timer to set grinding time. The machine is equipped with dust extraction unit.



You can use another side to grind longer rollers like Draw Frame, Comber etc are grinded between centre by the help of MT2 Dead Centre with 25mm wide emery and hydraulically operated table traverse motion. Also we have made a provision that we have provided system for 200mm. wide emery attachment with hydro pneumatically operated Centreless Grinding attachment suitable to grind all kinds of R/F & S/F top rollers as an optional.

Net/Gross weight : 1400/1800 & 250/450 kgs Size of cage L \times W \times H : 180 \times 150 \times 165 cm Size of cage L \times W \times H : 180 \times 85 \times 160 cm

Ultra Violet Treatment Machine

The most advanced environment friendly and world wide accepted treatment for irradiation of all types of cots like Ring Frame, Speed Frame, Draw Frame, Comber, etc. Designed totally maintenance free to reduce lapping on buffed top rollers in spinning department. During treatment ultra violet rays improve the surface finish and control roller lapping to save costly rubber cots from damage ensuring consistency of yarn costly rubber cots from damage ensuring consistency of yarn quality and increased productivity, having 2KW, 1400 Volts, U.V. Lamp. For uniform treatment roller rotating system is provided. Treatment time is 6-8

minutes per batch for 35 top rollers of R/F and 20 of S/F. Loading and unloading of top roller is manual, safe and easy. Complete operation is controlled by auto reset timer.

Net/Gross weight: 450/650 kgs.

Size of cage L \times W \times H : 150 \times 95 \times 170 cm



Hydraulic Cots Mounting & De-mounting Machine

Machine is designed to mount & demount all types of longer top rollers like Comber, RSB Draw Frame "ALUCORE" cots etc. by horizontal



attachment with roller guide, Stroke adjustment will be as per cots length. Separate Vertical attachment is provided for Ring Frame, Speed



SOME PARTICIPANTS AND THEIR EXHIBITS

Frame & O/E & texturizing cots (Plane, PVC, Easyfit, Alucore) for more productivity. Hydraulic Power Pack is provided to operate both attachment at a time with 2HP, 3 Phase electric motor. Working pressure can be adjustable.

Net/Gross weight: 350/550 kgs.

Size of cage L \times W \times H : 195 \times 105 \times 120 cms

Spindle Lubricating Machine

Lubrication machine is designed with 2 separate guns — flushing & oiling guns for perfect flushing/clearning & oiling of spindle bolster for longer life of bearing, having trolley wheel to move one place to another place.

Due to zero leakage, there is no oil around the bolster which also ensures no fly and fluff accumulation, thus keeping the spindle/ring frame neat and clean.



Model	3 Tanks	2 Tanks
Flushing Tank	20 Ltrs	20 Ltrs
Oiling Tank	12 Ltrs	12 Ltrs
Topping Tank	10 Ltrs	_
Electric Motors	0.5 HP, 1440 RPM Single Phase	
Weight Net/Gross Kgs	110/230	100/220
Size of Case	125L × 60W × 110H cms.	

Flushing Gun (Clearning Gun)

Fitted with S.S. nozzle assmebly, which cleans the bolster from neck bearing to footstep bearing and the dirty oil will be sucked out efficiently which will go to the flushing oil tank duly filtered twice by micro filter.

Lubricating Gun (Oiling Gun)

Equipped with adjustable S.S. dual nozzle assembly and easily adjustable auto oil level gauge

system to maintain automatic oil level uniformly with no overflow or leakage at all. The same gun can be used for oil topping facility.

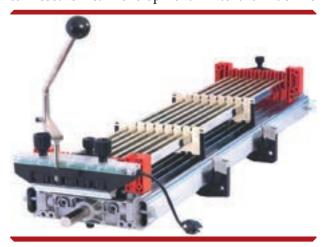
For further information, please contact:
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Behind L.B.S. Stadium, Bapunagar
Ahmedabad - 380 024, Gujarat, India
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Cell. No. +91 98980 81503, +91 93750 81503
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Shree Ram Textile

Whenever one thinks of warp stop motion one must think of Shree Ram Textile, a leading tagline in modern textile world. Shree Ram Textile began its journey holding the hand of great visionary Late Shri Mohanlal C Panchal, grandfather of current Director, Purvik J Panchal.

Shree Ram Textile runs with high reputation accompanying third generation family with vision of traditional roots. Shree Ram Textile is a regular participant at various national and international textile exhibitions like India ITME, ITMA etc.

One of the major aims of the company is to bring innovation and invention in textile manufacturing and textile weaving industry. Therefore, Shree Ram Textile casts major attention to Research & Development in textile machine



manufacturing industry. Company strides in development of warp stop motion suited for all types of weaving machines.

SOME PARTICIPANTS AND THEIR EXHIBITS



Over the years the company has stuck to manufacturing only stop motion technology what is broadly used in weaving machine irrespective of textile & jute mills. The company is very much aware of maintaining quality given top most priority at competitive price. Company does not ever face challenge in competition with Chinese product, because it adopted sophisticated technology in making the products. Keeping away the Chinese competition has been possible because



warp stop motion technology never compromises with quality and it is given first priority. With help of this technology production and productivity of a worker increase manifold. Weaving process has been continuously modified through which constant innovation-process goes on.

Shree Ram Textile supplies products to numerous companies manufacturing weaving machines and high skilled weavers. Currently the company exports its latest sophisticated products to Vietnam, Myanmar, Indonesia, United Kingdom and a few African countries. The company emphasizes on providing quality technology inspired by the event in which company has been awarded certifications from leading associations.



In India the company sells its products through its channel partners spread across India. Initially Shree Ram Textile used to deal with 17 channel partners only, currently the number of channel partners increase to 42 for which company can boasts of.

Company is now on expansion mode of production capacity. Currently the company manufacture 2000 contact bar and 700-800 electrical warp stop motion per month. Over the last five years the company's product of electrical contact bar has been double. The production will continue to rise with operational of new factory near the existing one in Ahmedabad.

For further Information, please contact:

M/s. Shree Ram Textile

A-7, 8, 9, Swastik Industrial Park Kuha-Kothia Road,

Village - Kuha, Taluko - Daskroi,

Dist. Ahmedabad-382433, Gujarat, India

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SprintOn Stenter installation at South Range Nyanza (Nytil), Uganda SprintOn Stenter installation at Milliken, NC, USA

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SOME PARTICIPANTS AND THEIR EXHIBITS

InspirOn Engineering Pvt. Ltd.

InspirOn to showcase its latest products focusing on Motex Stenter Machines at ITMA 2023, Milan from 8-14 June

Hall No. H14, Stall No. A105

Inspiron recently supplied its latest model Motex 15000 Stenter machine as iconic product of Inspiron Engineering to Arvind Mills, Ahmedabad

Arvind Mills had started its textile business since 1931 under the leadership of late Shri Kasturbhai Lalbhai.



Sprawling view of Arvind Mills, Santej Unit-Ahmedabad

Arvind Mills Ahmedabad is pioneer in denim business and started its operation in 1980.



On the occasion of supply of 15th "Motex 15000" Stenter to Arvind Mills, InspirOn presented a memento to the Executive Director - Mr. Punit Lalbhai.

Santej Unit of Arvind Mills was started in 1998, today it produces 120 million meters of woven fabric per annum and 12,000 tons of knitted fabric per annum.

Few years back, Arvind has also ventured into Technical Textile Business.





Letter of Appreciation was handed over by Executive Director of Arvind Mills – Mr. Punit Lalbhai to the MD of InspirOn – Mr. Amol Bhagwati, in background to the appreciative comments from the senior operating staff as below:

Mr. Yogesh Gohil-General Manager (Utility and Engineering) shared his views: On comparing Motex stenter with European stenter machines available in the market, Motex consumes comparatively 10% lesser energy due to Energy Efficient Motors and Drives, Heat Recovery Units and Unique Air Flow System.

SOME PARTICIPANTS AND THEIR EXHIBITS





Mr. Yogesh Gohil, General Manager (Utility & Engineering)

Motex stenter is modular in design and easy to install on any flat level surface. Entire erection and commissioning process is well defined, structured and monitored resulting in to faster installation and smooth handover.

Due to its Robust Design and Metallurgy if we follow preventive maintenance on timely basis it will give almost zero breakdowns.



Mr. Harvinder Rathee, COO (Projects - AMD & Denim)

Mr. Harvinder Rathee – COO (Projects – AMD & Denim) informed that they have started using Motex Stenter since 2006, added roughly one stenter per year till now and have witnessed continual improvements in features every time from the user's perspective.

He further informs that Motex Stenter carries sound metallurgy and sturdy structure with long term lubrication type chain and fabricated track. Due to these unique features we are able to operate this machine at a speed of 100 meter per minute for higher GSM fabrics also.

He expressed that technology used in Motex Stenter is one of the best available in the market. Bought-out components used in this machine are of reputed brands like Lenze, Nord, ABB, SMC, Siemens, Mahlo, Pleva, E+L etc. We have procured recent Motex stenter machines with Industry 4.0

features like Process Control Sensors, SCADA system, IoT System etc.

Mr. Rathee rates the technology part of the machine at par with European Stenter manufacturers and some features are even better than European stenters.

We are using technical support of InspirOn for our other machines also. We have replaced complete electrical panel of our older European machine with the help of InspirOn.



Ms. Smarita Bharimal, Sr. Manager-Operations (Knits, Wovens & TT)

Ms. Smarita Bharimal, Sr. Manager – Operations (Knits, Wovens & TT) informed that we are using Motex stenter machine for heat setting, normal finish & MXL finish for woven fabric and heat setting, proban finish & normal finish for cotton & polyester knit fabrics. The results in both types of fabrics are excellent.

We have installed their Air-to-Air Heat Recovery Units and we are getting saving of approximately 15% to 20% in heat setting process.

Apart from engineering services the application services are also of good standard.

Motex is generally open minded about customisations which add value to the customer's process & fabric. We have undertaken the customisation of Special Nozzles and Brushing Unit.



Mr. Neetish Mohanty- General Manager (Processing)

SOME PARTICIPANTS AND THEIR EXHIBITS

Mr. Neetish Mohanty- General Manager (Processing) informed that we are running yarn dyed shirting and all finer qualities on Motex Stenter machines. We have never faced any difficulty and getting results at par with European stenter machines.

We have installed the first Motex stenter in 2006 followed by other installations thereafter looking to its performance. Stenters are running trouble free and no running issue, no maintenance issue with consistent performance.

For further information please contact:

Mr. Ankur Soni

DGM (Sales & Marketing Support)

Inspiron Engineering Pvt. Ltd.

Survey No. 320, Near GIDC Odhav, Odhav Road

Ahmedabad-382415, Gujarat, India Ph: +91-79-3021 2000/99

Fax: +91-79-3021 2090

Email: inspiron@inspiron.co.in/ankursoni@

inspiron.co.in

Web: www.inspiron.co.in

TEXLAB Industries

Texlab Industries a leading manufacturer of Textile Machines

We introduce ourselves as one of the leading manufacturers of Textile, Dyes & Chemical Laboratory Testing Instruments, based at Ahmedabad and glad to inform you that we have been granted License to manufacture and Market Fabric Feel Tester—Highly sophisticated Machine developed by Indian Institute of Technology, (IIT) New Delhi. We are common names in global textile arena with our participation at various national & international textile trade fairs like India ITME, DTG etc.

Introduction

Fabric feel is a generic term for the textile sensations associated with fabrics, and remarkably influences consumer preferences of textile products. Although fabric handle is still being judged effectively to a large extent, the need for objective methods to measure the fabric handle has always existed. At present there are few instruments available for evaluating fabric handle objectively, like Kawabata evaluation system for fabrics. The main disadvantages of this instrument are high cost, complexity and the time consuming procedure. It is proposed to develop

a comprehensive system which would give a feel value as well as other mechanical specifications of a fabric in a single test. The proposed instrument will be very helpful to the industries who are dealing with the production, evaluation and applications of textile fabrics for process control, quality control and quick decision making. These industries are mainly weaving industries, processing industries, garment manufacturer, buying houses, test houses etc. It will be also very useful for the academic and research institutes for research and development of new types of fabrics.

Purpose of Instrument

- ▶ To measure fabrics softness, feel directly.
- ► To select the optimum fabric finish treatment by comparing feel
- ► To check change in fabric feel after chemical or mechanical treatment
- ▶ To develop newer fabric with better feel.



Users

- ▶ In dyeing & finishing industries
- ▶ In weaving industries
- ▶ In garment manufacturing industries
- ▶ In testing laboratories
- ▶ In academic and research institutes.

Salient Features

- ▶ Quick evaluation low cost
- ▶ Real time continuous graph
- ► Different nozzle diameter for different types of fabric
- ▶ Fixed operating speed
- ► Separate load cell for axial and radial force measurement
- ▶ Automatic stop motion.







High Performance Laboratory Package Dyeing Machine for Yarn - 50g & 200gm.

- ▶ Based on innovative Dyeing technique.
- ▶ Simulates bulk conditions.
- ▶ Each dyepot has independent 12 step program.
- ▶ One can carry out combination of different dyeing simultaneously in different dyepots like polyester, cellulosic or viscose dyeing.
- ► Highly repeatable and accurate dyeing with any class of dy including Dispers, Reactive, Acid.
- ▶ Available in 6/12 Pots.
- ▶ Available in 50gms and 200gms.

Introducing Auto Feed, Drain, Wash & Clean facilities in 50gm and 200gm

Range of Cotton, Yarn, Fabric, Dyes & Chemical, Processing and Testing Instruments.

High Temperature High Pressure Yarn Dyeing Machine

- ♦ 50-300 grams yarn dyeing machine 6 pot with 1 HP main pump and DP-01
- Controller with standard accessories for single pot
- Minimum order for 3 pots.
 - 1. Machine capacity : 6 × 300 grams yarn dyeing.
 - 2. Operation : with plc control and delta make HMI.(OPTIONAL)
 - 3. Specification of YARN carrier : vertical star type.
 - Liquor ratio: about 1:10 for air pad and 1:12 for fully flooded operation.
 (This MLR is given for standard size packages. The MLR is directly dependent on the package size, package density)
 - 5. Heating system : STD electric / steam heating (OPTIONAL)
 - 6. Maximum working temperature: 1450c
 - 7. Working pressure : 4 kg/cm².
 - 8. Addition tank: nil



Kubereshwar Machine Products

15/4/26/1, Jay Bharat Rangshala Compound, Nr. Tirupati Estate, Saraspur Ahmedabad-18 • Phone : 94260 63375 • Email : laxmichetan@gmail.com



SOME PARTICIPANTS AND THEIR EXHIBITS

- 9. Heating gradient : up to 40c/min.
- 10. Cooling gradient : up to 30c /min.
- 11. Maximum bobbin diameter : 95 mm (vessel dia.110mm)
- 12. Total power : 16.5 kw. (2KW HEATING IN EACH POT WITH 1HP PUMP)
- 13. Size: 1500 × 1800 × 1250mm.

Utility requirements

- 1. Compressed air : 7kg/cm² dry and clean air.
- 2. Steam line: 7kg/cm² saturated steam. (OPTIONAL)
- 3. Water line: as per process requirement
- 4. Drain line: for drain out color, chemicals.



This machine is suitable for dyeing synthetic and natural fiber in different forms like loose stock, top or yarn wound on collapsible dye spring using suitable carriers.

The machine will have the following main components:

- 1. Main dyeing vessel
- 2. Necessary pipe line for the machine
- 3. Heating coil / jacket in the main vessel,
- 4. Stainless steel main pump
- 5. Fiber carrier (optional)
- 6. Control panel with dyeing programmer.

Function available with HMI is

- 1. Heating rate
- 2. Heating
- 3. Cooling
- 4. Pressurizing can be set as (for 10kg and above model)
- 5. De-pressurizing (for 10kg and above model)

- 6. Inside-outside and out side inside working time.
- 7. Control of stop function in-between in out and out in.
- 8. Operator call as and when required.
- 9. Alarm after complete the process.

Technical details

Main pump : $1HP \times 6$ NOS. Injector pump : NOT REQ.

Loading details

The yarn carrier will be designed as the size of the package and will accommodate 300 GRAMS of yarn.

Package size: The carriage is designed for a standard package size.

Diameter of package: 95 mm.

Tube ID: 57mm

Tube height: MAX 230MM

Nett weight of package: 300 GRAMS

No. of yarn carrier poles : 1 no in each tank.

No. of package in each poles : one.

Main dyeing vessel

This vessel is made out of S.S 316/316L with a maximum working pressure of 4kg/cm² and working temperature of 145°C. The thickness of the shell is 4mm and the dished end is 5mm. The vessel is pressure tested up to 12kg/cm². The main lid of the vessel is easily operated and locking arrangement. The lid is interlocked with other safety devices.

Main pump

Main pump is an axial flow pump and it rotates in both directions for change the direction of the liquor flow.

Heating and cooling

Jacket is fitted on the vessel, is made out of S.S 316 / 316L seamless pipe to prevent leakage and long life. The same pipe is also used for cooling of the dye liquor.

Pipe lines

Complete pipeline with all necessary fittings, valves and hardware is made from stainless steel. Flanges for steam inlet and water inlet will be provided.





Pneumatic control valves

Following pneumatic control valves along with solenoid valves will be provided.

- 1. Heating
- 2. Cooling water inlet

Control panels

With the automation of DELTA MAKE HMI / DP-01 CONTROLLER the following function are controlled.

- 1. Heating rate
- 2. Heating
- 3. Cooling
- 4. Pressurizing can be set as (for 10kg and above)
- 5. De-pressurizing (for 10kg and above)
- Inside-Outside and out side inside working time.
- 7. Control of stop function in-between in out and out in.
- 8. Operator call as and when required.
- 9. Alarm after complete the process.

Main vessel size will be id = 115mm × height 400mm.

For further information, please contact:
TEXLAB Industries
Texlab House, Purvadeep,
Near CTM Mills, NH-8,
Amraiwadi, Ahmedabad.380026, Gujarat (India)
Mob- +91-99252 27360/+91-9925227357
E-mail.Info@texlabindia.com

Kornit Digital

Digital Production Goes MAINSTREAM Kornit Digital to appear at ITMA 2023, Milan, from 8-14 June with its product innovations

Hall No. 7, Stand No. A303

You're Invited:

Kornit Digital: Exclusive Press Conference at ITMA 2023 Friday, June 9th @ 11 AM CET (GAMMA 5 room)

Exclusive Opportunity to Attend Elite Press Event by Kornit Digital – Your Partner for Sustainable, High-Volume Production, On Demand. After four years, we are very excited to meet you again at ITMA 2023 taking place this time in Milan. It will be an exciting seven days with the official market launch of the groundbreaking Kornit Apollo direct-togarment (DTG) platform alongside a new Atlas MAX PLUS system, an expanded end-to-end fulfillment ecosystem as well as other product innovations.

As part of this opportunity, we would love to have you join our exclusive press event where CEO Ronen Samuel will talk about the changing landscape taking place in the fashion and textile industry.

Kornit's advanced solutions further transform the world of textile and fashion production – helping businesses realize untapped revenue opportunities with on-demand manufacturing at scale. Embracing this new agile production model, customers can achieve unprecedented agility and shift towards more profitable nearshore production models. With Kornit's robust on-demand ecosystem, companies can achieve purposeful sustainability – aligning business for increasingly stringent industry guidelines to achieve greener production models.

During this event, Ronen and several distinguished guest speakers will present how sustainable, ondemand manufacturing at scale with highly automated, digital mass customization can help customers succeed while creating additional demand and new business opportunities.

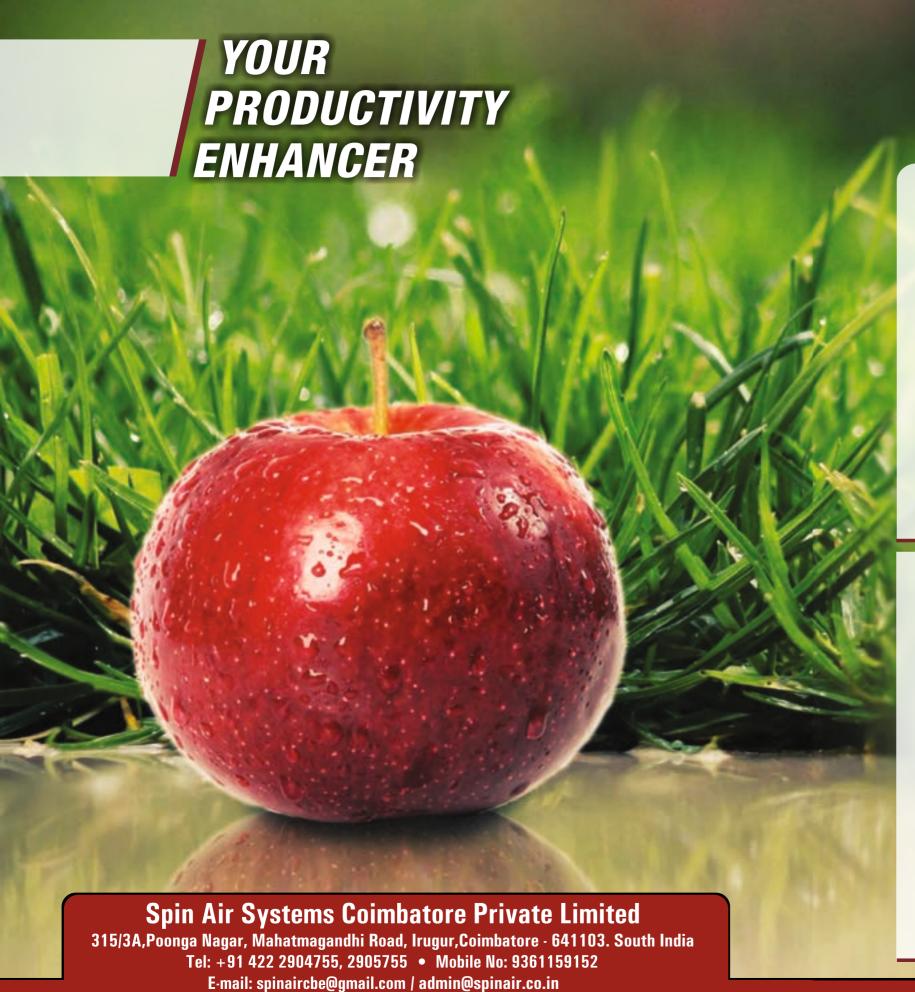
Be the first to learn about newly announced innovations of both direct-to-garment and direct-to-fabric production.

Don't miss your chance to learn how Kornit Digital is changing the face of fashion and textile production, ask questions, and hear directly from CEO Ronen Samuel and Kornit customers.

It all happens on Friday, June 9 @ 11:00 AM CET (GAMMA 5 room).

Please also don't miss Kornit's Demo Tour taking place just after the press conference at the Kornit booth A303 in Hall 7.

For further information, please contact: Ingrid@pr4u.be.





SPIN your Yarn with Pure AIR



WE DELIVER
HIGH PERFORMANCE
AIR MANAGEMENT SYSTEMS



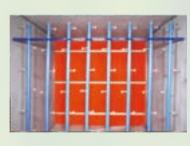
Spin air Systems is a specialized company in textile Humidification situated in the industrial city of Coimbatore in Tamil Nadu. Spin Air Systems is competently by a technocrat of more than 24 years experience, who has in depth, hands - on, problem solving capability. Supported by a team of experienced technical personnal in the manufacture, installation and service of humidification and ventilation equipment and systems.







ROTARY DRUM FILTER



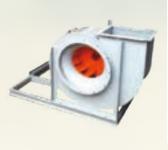
AIR WASHER



PRIMARY FILTER



FIBRE COMPACTOR



ENERGY EFFICIENT CENTRIFUGAL FAN



HIGH VOLUME CENTRIFUGAL FAN

E-inan. spinan cuewyman.com / auniniwspinan.c Web: www.spinair.in

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SOME PARTICIPANTS AND THEIR EXHIBITS

Laxmi Textile Products

Laxmi Textile Products a leading company in the field of manufacturing Roving Stripping & Opening Machines in the Textile Industries since 2000

ROVING STRIPPING & OPENING MACHINE

LAXMI TEXTILE PRODUCTS is the company which has been firstly introduced this product in india. After great efforts our 300 Machines are satisfactorily & successfully running in reputed textiles units in INDIA as well as in ABROAD. The LTP Machine solves your Problems concerning the utilization of the flyer roving remnants efficiently and economically. This machines are therefore indispensable for your progress minded enterprises.



- » This machine is total mechanical. In this machine compressed air (pneumatic) connection is not require.
- ⇒ The Flyer roving stripping and opening machine is extremely easy to operate and offers a striking capacity for the re-cylining of any roving of cotton, viscose, synthetics, Acrylic and blended fibers from any size of roving bobbins.
- ⇒ The roving bobbins are simply put on the rotating conveyor belt by the operator. The roving end is sucked into strip roller where

after the roving strand is automatically opening the fibers. The re-use opened roving in its original staple is this granted.

TECHNICAL DATA			
Type of material	Cotton Synthetic and various blended fibers, acrylic		
Size of bobbin length	300 mm to 450 mm		
Max. Diameter of Bobbin	80 mm		
Conveyor Belt put on	12 bobbins		
Suction Fan	1.5 HP (1.1 KW)		
Strip Roll	1.5 HP (1.1 KW)		
Conveyor belt Drive	0.5 HP (0.37 KW)		
Capacity available	250 bobbins per hr.(approx)		
Weigt	650 kg.		
Size	2185mm (L) x 1016mm (W)		
	x 915mm (H) 690mm (L) x		
	690mm (W) x 2045mm (H)		

*The Dimension and specification are subject to change without notice based on the improvements in design.

ADVANTAGE

- No any Longer roving waste owing to complete re-cyling.
- Easy to work without damage of bobbins.
- A machine which treats your bobbins with
- The roving opening machine save the labour, bobbin damage, reduce bobbin inventory (Lot run out), power and avoid fiber rupture.
- After opening Fiber it is not rupturing as well as naps are not generated in the machine.

Automatic Bobbin Stripping Machine

LAXMI TEXTILE PRODUCT is a well known company in the field of manufacturing SEMI AUTOMATIC BOBBIN STRIPPING MACHINE since 1982 in the textile industries.

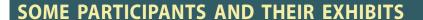
LTP make Automatic bobbin stripping Machine which has unique solutions for removing left over bottoms from ring farm bobbin, plain weft Pirns & ruti C bobbin.

This product has clean 2800 both sided bobbin per hour. In plastic bobbin the surface of bobbin clean without any mark & scratches.

The payback of machine considering of the features in very short period.

Presently our 600 machine are successfully running in the leading mills of India & Aroad.







Advantage

- Reduction handing, strong and transportation of bobbins.
- Elimination of the dangerous hand, knief Process.
- → Minimum maintenance cost.
- Different length, Size and types of plastic tubes as well as manual setting.



SPECIFICATION		
Tube Dia	16mm to 30mm	
Tube Length	175mm to 300mm	
Type of tubes	Plastic Ring Frame bobbins / Auto looms Ruti "C" bobbins	
Type of Yarn	Cotton/Synthetic	
Operation	Automatic	
Production Capacity	2800 tubes / hour	
Power Requirements	1.5 HP (1.1 KW)	
Weight	850 kgs	
Size	1960mm (L) x 775mm (W) x 1220mm(H)	

*The Dimension and specification are subject to change without notice based on the improvements in design.

TECHNICAL SPECIFICATION

1.	Capacity of Machine	150 Tons	100 Tons	75 Tons/45 tons
2.	Туре	Hydraulic	Hydraulic	Hydraulic
3.	Bale Size	1220mm (L) × 610mm (W) × 700mm (H)	1220mm (L) × 610mm (W) × 700mm (H)	1220mm (L) × 610mm (W) × 700mm (H)
4.	Approx weight of Bale	150 kg to 180 kg	150 kg to 180 kg	125 to 145 kg/90 to 100 kg

5.	Platform Size	1220mm (L) × 550mm (W)	1220mm (L) × 610mm (W)	1220mm (L) × 610mm (W)
6.	Max. Table Travel	1200mm	1600mm	1200mm
7.	No. of Cylinder	Double cylinder	Single cylinder	Single cylinder
8.	Operating	Liver Operate or Electrical operate	Liver operate or Electrical operate	Liver operate or Electrical operate
9.	Production Rate	15 to 20 mins per bale	15 to 20 mins per bale	15 to 20 mins per bale
10.	Electrical Motor	AC 20 HP/1500 RPM	AC 15 HP/1500 RPM	AC 12.5 HP/10 HP/1500 RPM
11.	Overall Size	3000mm (L) × 900mm (W) × 4500mm (H)	3000mm (L) × 900mm (W) × 5000mm (H)	3000mm (L) × 800mm (W) × 4000mm (H)
12.	Approx Weight	5 Ton	4.5 Ton	2.5 Ton/2 Ton
13.	Day light gap Bottom plate between Pressing Plate	1600mm	2000mm	1600mm



SOME PARTICIPANTS AND THEIR EXHIBITS

SALIENT FEATURESURES

Laxmi Hydraulic Bailing Press is Compact Vertically Operated Gear less Simple Machine's Maintenance free Rigid Structure. This is Versatile Machine in Designed for free shift Operation.

For further information, please contact:
LAXMI TEXTILE PRODUCTS
JAY BHARAT RANGSHALA COMPOUND,
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E-MAIL ID: sales@laxmitextileproducts.com,
info@laxmitextileproducts.com

BRÜCKNER Textile

BRÜCKNER Textile presents a New Simulation Tool during ITMA 2023, Milan from 8-14 June with some novelties

During ITMA, BRÜCKNER Textile presents another new simulation tool that is called ExperTex. This system collects a wide variety of information and knowledge sources and brings them together in an expert system.

With the help of artificial intelligence, the ExperTex system determines the optimum process control and machine recipe for each application, taking into account all the basic conditions (type of fabric, number of drying compartments, exhaust air volume, temperature, etc.).

This minimizes energy consumption and at the same time increases production output. Our ExperTex system is available for all dryer types and can also be retrofitted on request.

Trützschler Nonwovens Has Proven itself in The Market Once again

The high-capacity carded-pulp concept industrialized by Voith Paper and Trützschler Nonwovens has proven itself in the market for three years now – and makes the dream of sustainable and cost-efficient high-quality baby wipes come true. You can convince yourself of it at the Index in Geneva next week.

Home textiles: special effects

Home textiles have a number of specific features. Among them, there is size, as height is usually 3.60 meters. The latest real innovation is to apply effects that are wellknown and very much appreciated in the fashion world right to

home textiles.

Hyosung Showcases Eco-Friendly Denim Solutions at Kingpins Amsterdam

Denim, made even better with new biobased, recycled, and recyclable sustainable textile innovation As consumers demand more ecofriendly products, denim is being held to higher environmental standards.

Visitor Registration Opens for Summer 2023 Debut of Texworld Los Angeles and Apparel Sourcing Los Angeles

Texworld Los Angeles and Apparel Sourcing Los Angeles will welcome buyers on the West Coast access to a strong showing of international textile manufacturers and suppliers. Registration for the Summer 2023 debut of Texworld Los Angeles and Apparel Sourcing Los Angeles is now open for attendees.

Leading Industry Experts to Give Keynote Address at ITMA Forums on Sustainable Textile Innovation

Two industry forums on nonwovens, and textiles and colourants will be reprised at ITMA 2023 which will be held in Milan this June. The ITMA Nonwovens Forum and ITMA Textile Colourants and Chemicals Forum will feature renowned experts who will offer insights into current challenges and share ideas on how the textile industry can achieve.

For further information, please contact : BRÜCKNER

www.brüeckner-textile.com

Mesdan S.p.A

Hall 3, Stall No. B20 5C

MESDAN jointly with Vandewiele will be present with their latest innovations of ITMA 2023, Milan to be held from 8-14 June

MESDAN® S.p.A.from Italy is at the service of the worldwide textile industry since 1952 as an unrivalled leader in yarn splicing technology and key supplier of laboratory testing equipment.

Theengines behind Mesdanreputation and fast growth originate in its outstanding technology and its capabilities to meet textile industry requirements with innovative solutions distinguished in quality and performances.

SOME PARTICIPANTS AND THEIR EXHIBITS



A simple recipe at first glance, the ingredients that makes the difference are its specific know-how and competence, as well as a touch of Italian creativity.

MESDAN's yarn knotters and splicers are produced in the automatic version (for instance, as an integral part of SAVIO winders) or as hand-operated units. Apart from spinning, weaving, knitting, etc., MESDAN's yarn splicers can be found virtually in any factory that has something to do with textiles, like tyre cord industry, sewing threads manufacturing, cable reinforcement, ropes & fishing nets, umbilicals, medical and disposable hygiene industry, technical yarns/roving (made of fibreglass, carbon fibre, aramid), automotive, etc.



MESDAN-LAB is one of very few textile laboratory equipment suppliers offering such a comprehensive range of testing equipment: for fibres, yarns, fabrics, nonwovens, garments ... both physical analysis as well as dyeing and finishing assessment, including colour fastness testing. Mesdan-Lab does also supply standard consumables as well as calibration services. Nowadays a series of Mesdan-Lab equipmentis considered a benchmark in textile testing, a reference standard.

At ITMA 2023 in Milan, MESDAN will display on the corporate VANDEWIELE stand in the Spinning Hall together with SAVIO, LOEPFE and SUPERBA, all under one roof.

VANDEWIELE will showcase their range of products in 4 locations:

- ▶ Weaving hall (Hall 10 stand B201)
- ▶ Spinning hall (Hall 3 stand B205)
- ▶ Finishing hall (Hall 11 stand C305)
- ► Knitting hall (Hall 4 stand D108)

This will be a world-première of such a strong corporate presentation.

At ITMA 2023 MESDAN will highlight:

- ▶ new mechatronic splicer
- ▶ new cotton fiber testing equipment
- ▶ new yarn and fabric testing equipment
- ▶ newlab-scale shredding machine

The new shredding machine is complementing the well-known Mini-Spinning line, extending its applications towards one of the most important trends:textile recycling.

Looking forward to seeing you in in Milan in the period 8-14 June in Hall 3- stand B205c.

Being the exclusive distributor in the Western part of Europe of THERMETRICS (famous US manufacturer of measuring equipment for the Thermal & Psychological comfort of fabrics and garments), MESDAN will be present also on THERMETRICS booth, Hall 4 – stand D318.

For further information, please contact : S. Govindarajulu, Mesdan India Pvt. Ltd., Coimbatore

Mesdan S.p.A. –Italy, Phone: +39.0365.653142

sales@mesdan.it, www.mesdan.com

Uster Technologies AG

Uster will present its latest product at ITMA 2023, Milan to be held from 8-14 June

Hall No. 10, Booth No. B103

Artificial intelligence in fabric inspection New Uster Fabriq Assistant automates data preparation to guide key decision-making

Uster will introduce the latestproduct for fabric inspection at ITMA 2023. The Uster Fabriq Assistant isa central platform for automated processing, analyzing, and visualizing quality datafrom Uster fabric inspection systems. Comprehensive data, interpreted reliably, let fabric producers focus on their core tasks to drive operational excellence.

What are the real advantagescreated by Uster Fabric Inspection systems? Experts at Uster want users to experience the full power of the data being gathered. That's why they developed Fabriq Assistant – one data platform, as a central quality hub for all stakeholders in the mill.



SOME PARTICIPANTS AND THEIR EXHIBITS

The new Uster Fabriq Assistant eliminates manual data processing and speeds up decision processes significantly. Fabric manufacturers can release their product for delivery automatically based on their specific business rules without any human in the loop, which eliminates bottlenecks and increases productivity.

Automated collection, analysis and visualization

The application is a web-based tool with individual user accountsand specific dashboards. Fabriq Assistant shows a summary of quality performance from all the fabric rolls ever inspected in the mill. Information is presented— and easy to be shared with other users— as a variety of statistical analysis tools, with results in different charts, histograms or evolution trends.



This depth of analysis goes way beyond what previously could only be done manually in MS Excel! Automated data collection, visualization and analysis, as well as data processing and reporting functions, are viewed on the central data platform. It works like an expert assistant, offering the relevant quality data during and after inspection. If the user is searching for information on a specific roll, for example, just a few clicks will bring up the review dashboard. Here, all the details for that single roll are available – including defect images, defect map and list and roll statistics.

Decisions with impact

Using the Uster central platform enables managers to focus on their main task of making key decisions. Fabriq Assistant removes the unwanted workload of manual data preparation and analysis. It also provides the basis for maximum decision-making accuracy, using advanced technologies such as Artificial Intelligence (AI).

Automated features let users experience this highly flexible and customizable application as their virtual everyday assistant, enabling them to be more efficient and productive. An additional effect is increased process accuracy and security, through consistent qualitydecisionsfor grading ofquality levels, post-processing, delivery release, and, most of all, avoiding claims.

Cutting-edge hardwaregenerates the data to build a reliable foundation for decisions. Uster Fabric Inspection systemsoffer automatic real-time quality inspection. They can be seamlessly integrated into production – at line running speedsup to 1,000 meters per minute– providing consistent and efficient defect detection.

Al Classification

The core value module introduced with Uster Fabriq Assistant is AI Classification, whichextends the application scope of data generated by Uster automated fabric inspection systems. Specific codes can be automatically assigned to every image generated by UsterFabriq Vision and Uster Fabriq Vision N.Without AI Classificationstaff membershave to laboriously add defect image codes at the PC to perform a data review. By introducing machine learning capabilities, data classification is fully automated and fabric producers can save more than 80% of their manual review time.

The real difference AI Classificationmakes will be demonstrated at the Uster booth (B103) in Hall 10 at the upcoming ITMA 2023 in Milan. Visitors can take a challenge against Uster AI by trying to classify as many fabric defects as possible in a certain time. It's a game, but it clearly shows the advantages of the Uster solution in accuracy and performance, compared to the best human efforts.

Operational excellence

The first step for improvements in fabric production – thanks to Fabriq Assistant – is that managers can concentrate on making decisions. The information they need is newly available, anytimeand anywhere within a few minutes after inspection. Uster aims for ongoing development of advanced quality data analysis and reporting, with the goal to empower customers' progress to operational excellence.

In machine learning technology, the application mimics the human brain. Knowing

SOME PARTICIPANTS AND THEIR EXHIBITS



the capabilities of artificial neural networks, Uster has also introduced safety mechanisms to track the performance of AI, and data can easily be prepared for AI improvements. Uster experts will be glad to provide more information about what AI can do for fabric producers at upcoming ITMA 2023.

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 valueadded services that includes training, consultancy

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

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

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

and worldwide after-sales. Name for Quality Products Traverse DRUMS for winding Machine Better Winding & Longer Lasting Bakelite Drum Autoconer Drum Bakelite Traverse Drums Bakelite Drum with Ceramic Friction Roller Drum for TFO M/c.'s Insartrs in Traverse Aluminum Hard - Anodised Drum for Successfull Performance in Synthetic & Blanded Yarns for RJK, P.S. Mattler Brad Cone, Schalforhst Auto Coner, Kamistu, Textool, Murata, Savio, Lessona, Cimco, Harish and the local as well as Aluminum Hard Anodised Drum winding Machine Requirement Belt Guide Roller for TFO M/c.'s Manufacturers of Quality Product Traverse Drum Bakelite & Aluminum Hard Anodised Drum for Cone / Cheese & Soft Winding Machine & TFO Machine's Spares

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SOME PARTICIPANTS AND THEIR EXHIBITS

Rabatex Industries

Rabatex Industries with its new technological evolutions to attend the ITMA 2023, Milan, from 8-14 June

Hall No. H6, Stall No. B307

A textile sample is a piece of cloth or fabric designed to represent a larger whole. A small sample, usually taken from existing fabric, is called a swatch, whilst a larger sample, made as a trial to test print production methods, is called a strike off. For plain-dyed fabrics it is called a lab-dip, and for yarn-dyed fabrics (like stripes and checks), it is called a handloom.

The use of swatches has formed an essential part of the design process of textiles throughout different cultures across history. Samples enable designers to display different types of fabric, demonstrating how different colours, materials, trims and methods of weaving will look in real terms—something that may not be readily apparent from a paper of digital design—before the entire fabric is manufactured.

A textile manufacturer may bring together several swatches of materials into a single sample book, which may serve to enable a salesperson to display a wide selection of fabrics to potential customers in a convenient manner. A textile swatch book may also serve as an internal reference for materials that have been made previously and could be manufactured again.

New trend in fashion industry, brand promoter or designer need to feel fabric as actual garment as well as to test market with small quantity of garment, where Advanced Sample warper makes major roll to prepare a short length actual warp with minimum quantity of warp yarn with unlimited design or pattern possibility. This process improves highest success ratio of any new product promotion effectively with actual test market results. Apart from this customisation fabric need is increasing day by day where user need to have specific design or pattern of fabric, which can be fulfilled with use of this technology.

RABATEX Industries have been an indispensable part of fabric industry the world over with new technological evolutions equivalent to any global know how in warp preparation machinery, fabric sampling machinery and material handling and storage equipment for more than 6 decades. Thus, the vacuum which the Indian fabric industry has been subjected to once, could be eliminated by advanced technological import substitute machinery.

Rabatex experts, have been interacting with the technical experts in textile industry across the world over about their actual requirement with respect to value for investment as well as product output expectation in quickest fabric sampling solution. With patience and creation ability, Rabatex Team have made analysis need of future demand and customer expectation as well as global opportunity of Indian Textile Fabric Manufacturing Industry. Exploring highest opportunity for Textile Industry to display their capability, creativity and value addition.

RABATEX have now come out with a complete range of Fabric Sampling Solutions like Small Width Fabric Weaving Machine, Small Width Single End Warper, Cone to cone sizing and Advanced Sample Warper for short length preparation which has its unique features to submit. Of course, the added advantages or special features which every RABATEX brand products always carry have been fed into this new launch also. More than 6 decades of tradition inspires them to come out with something new every time for their patrons.

Fabric Sampling Weaving Machine (Small Width)







SOME PARTICIPANTS AND THEIR EXHIBITS



Technical specifications

▶ Working Width : 20"

(50CM/500mm)

▶ Maximum Fabric

Sampling length : 30 Meter

No of Weft Selectior : 8No. of Shaft : 20

▶ Auto Weft Selector

▶ Close Loop Control for Speed and Tension

► Fully PLC Controlled

Single End Sample Warper (Small Width)





Technical specifications

► Working Width : 20"

(50CM/500mm)

▶ Maximum Fabric

Sampling length : 30 Meter

► No of Weft Selector : 8

▶ Leasing Operation : Automatic▶ Thread Selection : Automatic▶ Pattern Entry : Infinite

▶ Fully PLC Controlled

Cone to Cone Signgle End Sizing Machine





Technical specifications

▶ Heating Type : Electrical
 ▶ No of Spindles : 1/4/8
 ▶ Maximum Speed MPM : 250 MPM
 ▶ Length Set Control : Yes

▶ Temperature Control : Yes▶ Speed Control : Yes

► Spindle Control : Individual

Advanced Sample Warper





SOME PARTICIPANTS AND THEIR EXHIBITS

Technical specifications

▶ Maximum Possible

Length : 500 Meter

▶ Maximum Warp Feeder: 16

▶ Maximum Warping

Speed : 1000MPM

▶ Maximum Beaming

Speed : 50MPM

► Cross Lease Automatic : Yes

▶ Know Lease Automatic : Yes

▶ 7 Lease Automatic : Yes (Optional)

There are many firsts in Rabatex's cap as they thrive on research and development. They are proud to be part of the progress and value customer's inspiration. This new developed, Rabatex Product were exported recently to USA / CANADA / TURKEY / MEXICO / SOUTH AFRICA / INDONESIA and many more.

Rabatex Industry is the largest supplier of premium warping machines in India. There are already about 3200 Nos. of Sectional Warpers & about 5600 Trollies installed across the world. More details about products can be viewed on www.rabatex.com.

For further information, please contact: Rabatex Industries
Plot No. 559 GIDC
Opp. Road No. 9, G.I.D.C., Kathwada
Ahmedabad-382 430 (Gujarat), India
Phone No. +91 79 2290 1367/68/69/70
Fax No. +91 79 2290 1374
http://www.rabatex.com

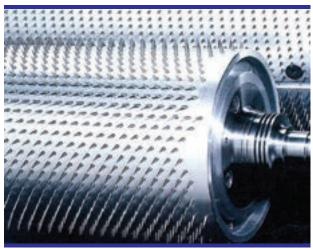
Basant Fibertek P. Ltd.

BasantFibertek, market leader in Pinned Fiber Opening Components for Textile Spinning and Recycling, has earned trust of customers for its advanced, low cost solutions for increasing production and reducing waste.

Textile Pins and Pinned Products

The 57 years old company, the pioneer and market leader in India for world class, critical Spinning and Recycling machinery components that help increase production and reduce waste through Gentle Opening action of Pins. Its Porcupine Brand is synonymous with world class Pins and Textile Machinery Components.

Over the past few years, the company has focused more on offering complete solutions to its clients to address their quality and productivity needs. The solutions are based on the Gentle Fiber Opening Principle, which essentially means preserving the original strength of the fibers by preventing rupture while ensuring good opening and cleaning. The company has helped many clients improve yarn quality, reduce process waste, increase production and productivity as also reduce maintenance costs through the customized solutions that are designed based on plant audits.



Pinned Beater

Mr. Kishore Khaitan, Managing Director of the company says "Our commitment for not

compromising on quality and on ethics has resulted in developing trust and confidence in our customers and this has resulted in strong client relationships spanning a decade or more. The



company is now the preferred supplier to many Mills and OEMs worldwide. Due to our fast-expanding global reach, exports have become more than 50% of turnover. We export to all 5 continents and to over 40 countries.

Short delivery times, a hassle-free user experience, customized solutions and economical prices provide our clients the best value for money. This commitment has enabled us be miles ahead of competition, whether domestic or foreign. In view of the rising demand of its products, the company doubled its capacity in 2021 to ensure it lives up to its record of fast response and short delivery time."

SOME PARTICIPANTS AND THEIR EXHIBITS



Basant is wellknown in industry for its world class, innovative products and gentle fiber



handling solutions and is serving OEMs as well as leading Mills in India and abroad. Its range covers solutions for short staple cotton and synthetic spinning, worsted spinning, sisal/linen spinning,

rotor spinning as well as other applications in textile and non-textile sectors.

In 2016, the company commissioned its new plant for manufacturing Opening Rollers and Rotors for Open-End Spinning thus becoming the only manufacturer producing these in India. Basant offers lower prices than European and



OEM offerings while achieving comparable performance. Its product for Rotor Spinning also beat Chinese ones in terms of cost effectiveness and reliability of performance. The company offer full range of rotors and opening rollers for all leading makes of Rotor Spinning machines. The company has doubledits capacity for Spinbox components also in order to catch up with the fast-rising demand in domestic and export markets.

For worsted spinning, BASANT is a leading supplier of 'MARATHON" Plastic Faller Pinstrips for Gill Boxes. These pinstrips, made from imported alloy steel, provide long, trouble free life and excellent fiber opening. BASANT also advises clients about the right pinning and settings to obtain best results in their process. The Company also provides automatic Insert Mounting machine foe fast and easy Pinstrip mounting on Fallers.

For further information, please contact:

M/s. Basant Fibertek P. Ltd.

E-418, Road No. 14, VKI Area

Jaipur-302013, India E-mail: sales@bwipins.com

Phone: +91 94140 63546, 0141-402393

Website: baftek.com

Testex Testing Equipment System Ltd

Testex Testing Equipment System Ltd vibrantly will attend ITMA 2023, Milan, from 8-14 June to showcase newly developed textile machine

Booth No. 4, Stall No. E301

It is a great pleasure for World Trader because it has been sole agent of M/s. Testex Testing Equipment System Ltd. The company has become sole supplier of high quality machines manufactured by Testex which is sure to be much superior to their Chinese counterpart and it is as good as European product. Company also assures its customer of providing after sales service from company's remotest service centre. In this context it is worthy to say that company has been sending selling & service since 40 years back.

World mega Textile event ITMA 2023. Milan is just few days away. World Trader's is keen on participating at this global famous textile show. The company will exhibit newly developed machines using cutting-edge technologies in this mega event.

The following machines will be displayed at the global textile fair, ITMA 2023 Milan.

- ► CV210D Martindale Tester 9 Stations
- ► CV171 Automatic Liquid Adding Machine
- ► CV001 Textile Strength Tester
- ► CV164E Automatic Air Permeability Tester
- ► CV130 Infrared Dyeing Sample Machine
- ► CV340 Temperature and Humidity Chamber

These machines have been manufactured incorporting world class technologies and these can meet various production and processing needs.

For further information, please contact: Testex Testing Equipment System Ltd. World Traders Mfg. Co. 1413, Maker Chamber V, 221, Nariman Point, Mumbai 400021, India

Tel: +91-22-22872935/22843423

Fax: +91-22-22872534



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HT/HP VERTICAL YARN DYEING MACHINE

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- 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 suppling of Hydro Extractor, Hot Air Dryer, Beaker Dyeing, Pneumatic Press Trolley Auto Claves Heating Machines, Winding Machines and SS Springs and Tubes.



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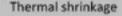
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SOME PARTICIPANTS AND THEIR EXHIBITS

RINGMANN

RINGMANN -"The Many First - A STORY" Ringmann is a pioneer Indian company in manufacturing Textile Rings

RINGMANN, India, has been manufacturing high-quality textile rings for Spinning and Twisting (Doubling) since 1990 and has many firsts to their credit. Ringmann is the first Indian company to produce Textile Rings on state-of-the-art CNC machines and centrifugal machines for High Polish.

Since Spinning Rings are a critical part of the Ring Frame and play an important role in the quality and production of the yarn, we have, through dedication and constant research and development, maintained stringent control over the quality of Rings.

Excellence in produce of Textile Rings

Ringmann was the first and only Indian company to launch, way back in 1997, Special Surface Coated Rings – "EXCEL RINGS" which greatly enhances production efficiency and are traveller friendly, and had them exhibited in the ITME 2000 exhibition. Along with them, an International company also exhibited Coated Rings; it was a first for them too.



Later, in 2014, we launched "SIGMA EXCEL RINGS-T RINGS", which has better hardness and surface finish for very high speeds and also for extra life up to 10 years.

Ringmann's high-quality Rings are developed by our highly skilled R&D team and have high performance and a longer life. "SPICON RINGS" with support rings are for very high speeds and have a very long life of 10 years and above.

We were the first Small Scale Industry in South India and the first Ring manufacturer to acquire ISO Certification from LLOYDS in the year 2000.

Ringmann has participated in most of the International fairs, especially ITMA, from 2003 to 2019. We have been exporting to countries across the world, from the east, which is South Korea, to the west, which is the USA. In India, we have been consistently supplying to all major mills for many years.



Again, www.ringmann.in is the only B2B portal among textile ring manufacturers to sell rings online, wherein spinning mill owners and their teams can place their orders online.

Technically qualified and experienced people are always available to give you excellent service after the sale to resolve any issue that may arise. Besides, we are always available for any technical queries on Rings and Travellers through our website.



Lastly, we have in our team Mr.B. Murali Mohan, having over 48 years of experience in Rings and Travellers and Mr.S. Saktivel, a Metallurgist with over 35 years of experience in heat Treatment of Rings and Mr. B.A. Nath, the founder and CEO of RINGMANN has thorough knowledge of Rings and has over 45 years of experience.

For further information, please contact:

B.A. Nath, CEO RINGMANN

Mobile: +91 936 264 1101 email: sales@ringmann.in





Umargaon Textile Machinery Pvt. Ltd.

Umargaon Textile Machinery a trusted name in Sewing thread industry for its quality product

1991 saw the genesis of Umargaon Textile Machinery Pvt. Ltd-a star was born on the horizon of textile machinery manufacturers. Over a period spanning three decades, we have established an identity for ourselves, carving a niche in sewing thread industry on the back or our excellent and quality product line supported by exemplary after sales service.

At Umargaon Textile Machinery Pvt. Ltd we manufacture different types of precision winders machinery namely "UTM" kingspool winder (2, 3, 4, 5 Y cones per spindle), UTM cone winder (2, 3, 4 cones per spindle) and UTM tube winder (2, 3, 4, 5, 6 tubes per spindle). These are all indigenously



developed manufactured by Umargaon, Gujarat-India Since 1991. Our machines have become popular because of their sturdiness, reliability and the ability to work in adverse work environments. With an aim to always excel in quality, every little detail is taken care at manufacturing stage and thorough inspections of every product is done before being dispatched to the customers, ensured consistent and high quality with each and every UTM machine is also constant innovations have helped us to keep our products abreast with the latest in technology and design across the world, at the same time making our products more environmentally friendly (low power consuming)

and helping to control our Manufacturing costs. It's been more than 32 years and we at 'UTM' still work with the same zeal to keep up the reputation of the company -'UTM' THE ONE TO TRUST. All our above machines are being exported also.



Mr. Himansu N. Doshi is the Director along with Mr. Bhavin H. Doshi who looks after the financial aspects. Mr. Himansu N. Doshi looks after the management, and sales of the company. They have taken the company forward, closer to realizing the long term vision of UTM Under their guidance the next Generation of mangers and leaders are being groomed to take UMARGAON TEXTILE MACHINERY PVT. LTD to new heights.

For further information, please contact: Umargaon Textile Machinery Pvt. Ltd.

Factory:

C-1/2301, G.I.D.C., Umargaon - 396 171

Gujarat (India)

Phone: (0260) 2562188/9377276817

utmwinder@gmail.com

Office:

Jogani Industrial Complex
Building No. 6, Unit No. 12
V. N. Purav Marg, Chunabhatti
Mumbai-400 022, Maharashtra (India)

Phone: 98338 35322 / 83568 57745

utmwinder@gmail.com



SOME PARTICIPANTS AND THEIR EXHIBITS

Stratasys

Stratasys first ever to display its most modern 3D Fashion technology at ITMA 2023, Milan from 8-14 June

Hall #3

New materials that meet RSL standards plus previews of upcoming technologies mean new creative possibilities for the industry

For the first time, Stratasysis showing its advanced 3D FashionTM direct-to-textile 3D printing technology at ITMA 2023 in Milan, Italy, 8-14 June. The solution combines advanced materials with the J850 TechStyleTM 3D printer and enables textile and garment manufacturers to reimagine what's possible by adhering full-color, translucent, rigid, and flexible materials directly onto textile and garments.

The technology is designed to open up a range of new fashion applications and drive profitable



Stratasys will showcase advanced 3DFashion™ direct-to-textile 3D printing technology, which enables textile and garment manufacturers to differentiate their service offering with limitless creations and unparalleled flexibility.

growth. As a result, textile manufacturers working on behalf of high-end fashion designers and brands in key sectors like automotive and haute couture are granted the power to differentiate their service offering with limitless creations and unparalleled flexibility.

The 3D printed materials also now

include Stratasys' VeroEco™ Flex resins, which meet stringent industry RSL standards.

Stratasys will also provide a preview of two technologies under development. The company's conceptual direct-to-garment toolis designed to inject new creativity into existing garments to extend their longevity. This additional feature of the J850 TechStyle is set to enable 3D printing of a specific design directly to existing garments mounted on a dedicated tool, including trousers/pants, shirts, and jackets,to offer a 'second life' or new personalized style.

In addition, Stratasys will provide an early look at a 2D to 3D software tool that will enable

J850 TechStyle printer users toeasily adjust the height, colors, and textures of 2D images and transform them into 3D printed elements. Visitors will be able to submit a 2D logo that Stratasys will convert into a 3D printable image on textile samples during the show.

Hear directly from Stratasys within the Innovator Xchange Platform

ITMA will also see Ofer Libo, Senior Product Manager at Stratasys, deliver an informative presentation as part of the event's official educational conference programme. Entitled, "Innovating Textile and Garments Manufacturing with Stratasys 3D Fashion Direct-To-Textile 3D

Printing Technology", this insightful session will take place on Monday 12th June at 15.35h in Hall #3.

"Textile printers are having to work harder than ever to push the boundaries of creativity and achieve true product differentiation,



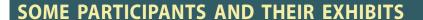
By 3D printing directly onto materials like suede, there is a much greater capability to play with colors and textures for interior automotive applications. Picture credit Italdesign

but we believe that 3D printing holds the key for such users to directly meet both of these needs," says Enrico Toson, Marketing Manager, Stratasys.

"As our showcase at ITMA will demonstrate, Stratasys is ushering in a new era of textile printing that puts 3D printing technology directly in the hands of this community, opening up unlimited possibilities for them to introduce entirely new attention-grabbing added-value applications within their offering and drive new revenue streams," concludes Toson.

Examples of the various 3D printed textile projects accessible to manufacturers will be on display on Stratasys' stand. These will include stunning dresses and handbags from leading designers, as well as vibrant footwear.

For further information, please contact: Jonathan Wake / Samantha White, Stratasys Incus Media stratasys@incus-media.com +44 1737 215200





K. U. Sodalamuthu and Co. Pvt. Ltd

K. U. Sodalamuthu has developed two highend products for Textile Spinning Industry meet at ITMA 2023, Milan from 8-14 June

Hall No. H3, Stand No. C311

AUTOMATIC PAPER CONE PLANT

K.U.SODALAMUTHU AND CO (P) LTD., COIMBATORE offers its latest model high performance Automatic Paper Cone Plant for production of textile paper cones for yarn spinning. This production line has a maximum rated capacity of 55 cones per minute depending upon quality of raw materials. The machine is equipped with an unique gripper winding system to prevent slippage of cone patterns and fitted with imported servo drive system for the winding section. The machine is versatile enough to produce cones of various tapers viz.,



3 deg 30', 4 deg 20', 5 deg 57' and 9 deg 15' using kraft board, grey board and mill board reels with minimum changeover time. Programmable controllers facilitate setting up of the machine to desired speeds depending upon the quality of paper. An optional conveyor system is also offered to fully automate material handling to link the winding station to the electric drier to save substantial labour cost. The plant includes automatic cone finishing machine which does the following operations automatically:

Lubrication at nose end, bull nosing, base burnishing, velvet finishing, bottom grooving, notching for 'y', 'u', 'v' shaped tail-end notches, auto counting and nesting.

The plant is ideal to produce high quality cones with superb consistency in dimensions to meet the demanding standards for usage in autoconers of famous makes like Schlafhorst, Savio and Murata.

Ultra Heavy Duty Paper Cone Winder

K.U.SODALAMUTHU AND CO (P) LTD., COIMBATORE offers Ultra Heavy duty Spiral Paper Core Winder with On-Line Fine Cutting system suitable to produce ultra strong cores and tubes suitable for paper mills, textile yarn carriers for DTY (Draw Texturised Yarn) nd POY (Partially Oriented Yarn) winding, aluminium foil winding, BOPP tape winding, Carpet yarn winding, Carpet storage cores, thermocouple tips, fabric winding etc.



This latest model Spiral Paper Core Winder is fitted with independent motor drive to the winding drums to prevent slippage of winding belt. Reel Unwinding stand and glue tank are fitted with motorized movement system to save time in setting of various sizes. The reel unwinding stands have capacity upto 40-plies and the cascade type glue application system comes with glue circulating pump. The on-Line Fine Cutting unit facilitates burr-free cuts of cores eliminating dust emission. The production line is capable of producing cores and tubes of inner diameter ranging from 50 mm to 600 mm with wall thickness upto 18 mm and length upto 5000 mm.

For further information, please contact: K.U.SODALAMUTHU AND CO PVT LTD (AN ISO 9001: 2015 COMPANY) 428, METTUPALAYAM ROAD COIMBATORE 641 043, INDIA

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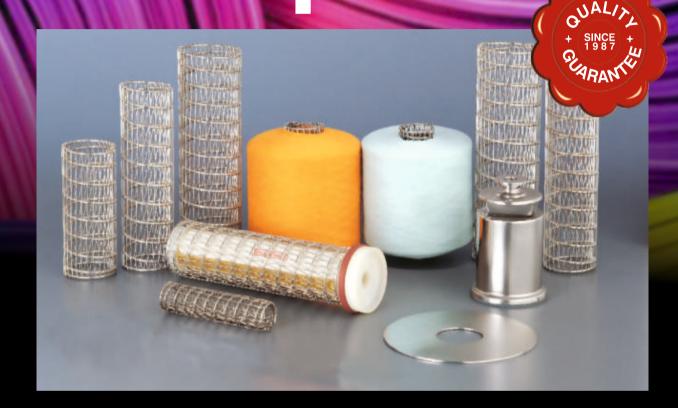
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- · Excellent resistance to compression.
- · Quality assurance at all levels of productions.

Product Range

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

Advantages

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- Highly effective with high frequency dryers.



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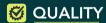


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