

FAKT Exhibitions Pvt. Ltd. team at IGATEX 2018



Fong's announces the sale of three HT Jet Dyeing Machines to Klash Pvt. Ltd.



Walter S.W Leung, Director Sales and Marketing (Overseas) with Farrukh Zaman, Director (Klash Private Limited) and Muhammad Shafiq (Klash Clothing Co. Ltd.) with Al Ameen team: KM Basit and Umair Ali Khan from Al Ameen Trading Corporation.

Fong's National Engineering Co., Ltd. and Fong's National Engineering (Shenzhen) Co., Ltd. (Collectively "Fong's National") are one of the leading dyeing and finishing equipment suppliers in the world. With an annual production capacity of over 2,200 sets of dyeing and finishing equipment at its own 73,000 square metres production plant in Shenzhen, China, Fong's National is the flagship company of Fong's Industries Co., Ltd.

Al Ameen Trading Corporation Pvt. Ltd, representative of Fong's in Pakistan, have announced the sale of three high temperature Jet Dyeing Machines to Klash Pvt. Ltd. The TECWIN High Temperature Dyeing Machine is designed to satisfy the ever changing market demands. Novel designs are incorporated in this new machine, therefore ensuring an improvement in reliability and applicability. ♦

Relaxed knits with the Monforts Eco Applicator



At booth 2-201 in Hall 2, specialists from Germany's Monforts will explain how major knitting manufacturers are now reaping the benefits of the Monforts Eco Applicator – the soft coating unit which eliminates the need for a padder.

Knitted fabrics must never be stretched and need to be treated in a relaxed state. This is why, for example, the Montex stenter

dryer with vertical chain return incorporates a TwinAir nozzle system. This ensures the relaxed fabric is kept at a suitable height in between the upper and lower nozzle system, allowing for the fabric's 'bowing', since it can't be stretched.

Similarly, the Eco Applicator for knits is fitted with an advanced guidance system specially-adapted to the needs of delicate treat-

ments and eliminating any possible 'curling' of the fabric edges prior to entering the stenter.

Compared with a padder system, where the initial moisture content of the fabric entering the stenter is 60%, with the Eco Applicator it is reduced to 40% and the system also has the shortest fabric path from the coating unit into the stenter. ♦

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Competence in Denim Finishing



Proven success.

The Monforts range combinations for denim finishing are now even more cost-efficient and eco-friendly! The Monforts ECO Applicator is now used for liquor application.

Drying, stretching and skewing functions for the denim fabric are performed by a modified Thermo-Termo-Stretch unit. This configuration allows fabric speeds of up to 40 m/min to be achieved with 14.5 oz/yd² denim on the "single rubber" version.

The "double rubber" version comprises two compressive shrinkage units and two felt calenders in line. Together with the innovative Thermo stretching unit, fabric speeds of up to 80 m/min can thus be achieved with 14.5 oz/yd² denim.

On both range versions, the denim fabric is stretched and skewed far more gently than with conventional range combinations.

Ask our denim technologists. We will be happy to advise you.



K. Monforts, Th. Hilmars, Hines GmbH & Co. KG
Germany. A Member of CHTC Fong's Group

www.monforts.com

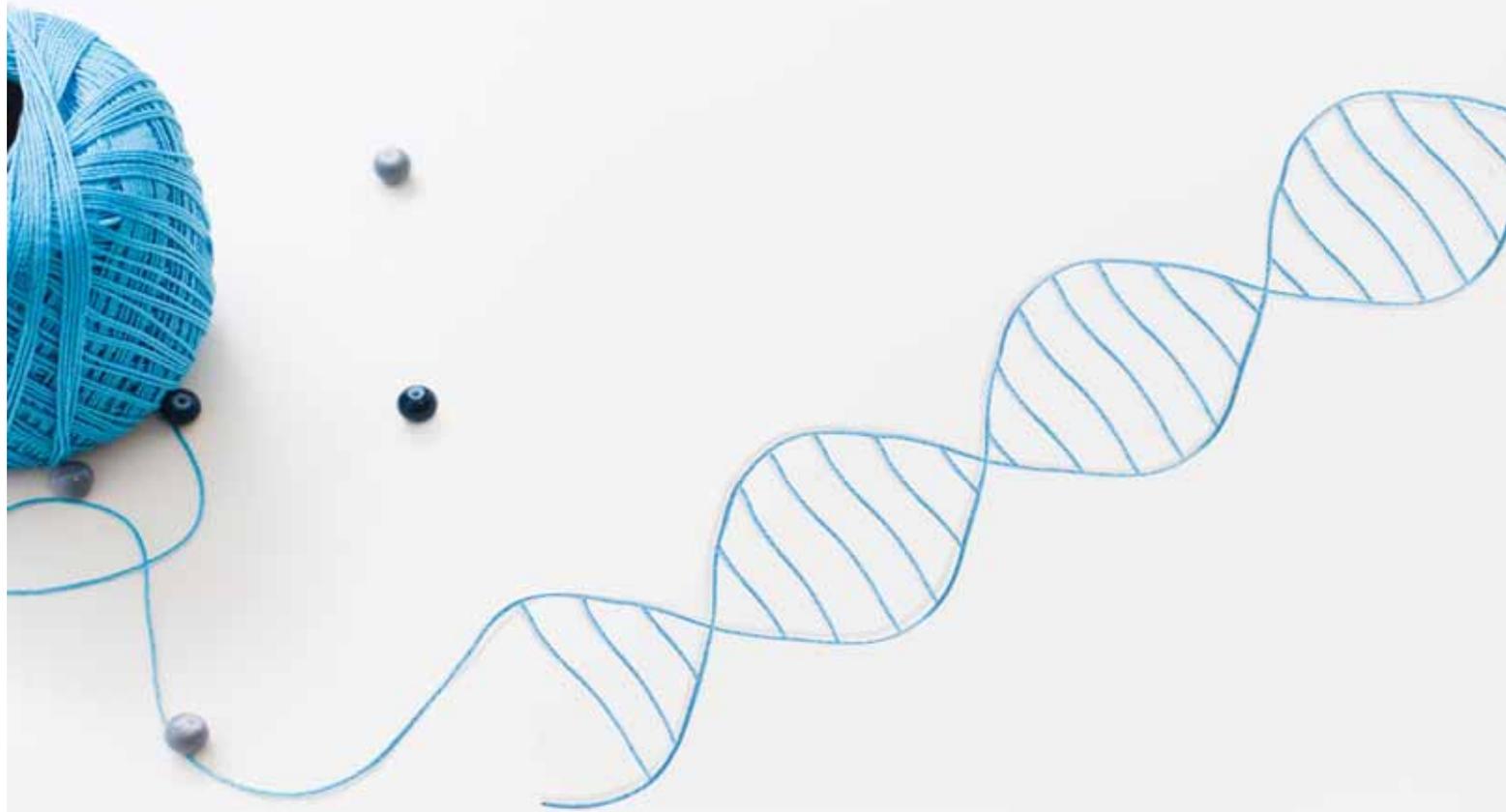
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REDEFINING TEXTILES

iTextiles Pvt. Ltd., is a leading textiles marketing company in Pakistan, representing premium textile products of international companies. With innovative ideas, international standards and high quality products, we are changing the face of textiles in Pakistan.



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NEWSTAR

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iTextiles: A future, where durability and sustainability interconnect

The future is now!

A future where the demand for long-lasting performance meets the pressing need for materials from a renewable source - and delivers a durable solution. High performance sustainable textiles engineered to offer exciting new horizons for designers of apparel, footwear and gear. How did we make that happen? The answer is in yet another highly successful collaboration.

For this venture, we got together with DuPont Tate & Lyle Bio Products. They're the company that's breaking new ground in sustainability. A brilliant example of this is their Susterra® propanediol based membranes and coatings. Bring to this the legendary durability of INVISTA's CORDURA® fabrics and the outcome is an unbeatable combination of performance features.

To explain the advantages, let's talk technical for a minute. Susterra® propanediol durable coatings and waterproof,



breathable membranes are manufactured through a proprietary fermentation process using plant-derived glucose. As well as being renewably sourced, Susterra® is manufactured using a sustainable process that produces 50% less greenhouse gas emissions. In fact, it consumes 42% less non-renewable energy than equivalent petroleum-based diols. At the manufacturing facility's full capacity, that's equivalent to taking 40,000 passenger cars off the road and turning off one million 100W incandescent light bulbs for one full year.

A durable and sustainable relationship

One of the factors that helps make this collaboration so effective is that both our companies share a common heritage, tracing their roots back to the global science giant DuPont. What's more, we're both marking major milestones this year.

The CORDURA® brand is celebrating 50 years of continuous advancements that have helped shape the world of military, workwear outdoor, and lifestyle products. While for DuPont Tate

& Lyle Bio Products, 2017 completes a full decade of offering high performing ingredients from a sustainable and renewable source based on leveraging the tools of modern biotechnology. And this is just the start of a great relationship, as pointed out by Cindy McNaull, global CORDURA® brand and marketing director.

"Working with DuPont Tate & Lyle Bio Products is the beginning of great things to come. At the core of our brand's DNA is a dedication to delivering durable next generation fabric tech-

nologies. Products made with CORDURA® fabrics are long-lasting, which means they need to be replaced less often, helping reduce waste. We constantly look at ways to increase the utility and durability of our products and ways we can benefit the environment. Ultimately, our belief is that 'Sustainability Begins With Products That Last™', and this forms the perfect backdrop for our collaboration with DuPont Tate & Lyle Bio Products."

This positive belief is shared by Laurie Kronenberg, global market-

ing director for DuPont Tate & Lyle Bio Products.

"We are thrilled to be working together with the CORDURA® brand, combining our unique capabilities and expertise, and building on our track records of delivering innovation to the marketplace. Together, we can revolutionize the future use of sustainable textiles by delivering innovative solutions that marry the legendary long-lasting durability of CORDURA® fabrics with the bio-based performance of Susterra® propanediol based membranes and coatings."

DuPont Tate & Lyle bio products, naturally better ideas

DuPont Tate & Lyle Bio Products is a joint venture between DuPont, a global science company, and Tate & Lyle, a world-leading renewable food and industrial ingredients company. DuPont Tate & Lyle Bio Products provides natural and renewably sourced ingredients that enhance product performance. ♦

Mesdan highlights innovative solutions

Mesdan from Italy, one of the renowned manufacturers of yarn splicers for knotless yarn joining, and quality control equipment for the textile laboratories (MESDAN-LAB division) are present at Hall 2, Booth 203, with local agent Madhani Associates.

All the vertical production textile mills and the garment manufacturers need a series of laboratory equipment for the assessment of physical properties (breaking strength, tearing, abrasion, etc.), colour fastness, dimensional stability,

comfort analysis, and so on, of fabrics and garments, and the MESDAN LAB division includes the complete range.

In particular, the MESDAN DYE-LAB division offers a completely new and advanced range of machines for the dyeing laboratories. Machines like "GIOTTO" (mainly for fabric pieces), "LODO" (particularly suitable for yarn cones) and "Auto-Chroma IR" (mainly for small skeins). Thanks to an automatic dosing system of the chemical auxiliaries, the machine is able to



reproduce efficiently in the lab, the complete production dyeing process.

These machines are available with different heads number and capacity and are equipped with a step-by-step digital programmer, with a 50-program memory to work according to the diagrams of the different dye types and processes. This innovative technology guarantees a "right first time" matching of the dyeing results, and a better reproducibility of the dyeing process from lab to bulk.

Apart from that, the MESDAN LAB division also includes the instruments for the fibre and yarn analysis, like the world famous brand names: NATI, Splice Scanner, Tensolab, AutoDyn, Attrifil, Twistmatic.

The YARN JOINING DIVISION will continue the promotion of the successful Moistair, an automatic splicer for the SAVIO winders, extremely versatile and particularly suitable for all the single/dual core cotton and synthetic yarns and blends. ♦

CTMTC and Jingwei display JWF1213 Carding Machine

CTMTC and Jingwei presented their state of the art JWF1213 carding machine during IGATEX 2018 exhibition at Lahore Expo Centre.

The JWF1213 Carding Machine strikes the perfect balance between quality and production capacity. The carding arc length decides the quality. The longest carding arc length of 2.8 meters ensures the best quality. The card ensures stable and reliable quality with the new type of driving method and a leaning unit with high efficiency.



The new type of driving method, cylinder and licker-in adopt a high torque motor, featured by stable start and reliable rotary. Doffer is driven by vector motor to ensure stability in low speed, high speed and speed conversion. Flat and flat brush roller is driven by independent vector motor for convenient speed adjustment.

Licker-in is designed with two noil area whose length is adjustable outside of the machine. It is designed with two sets of

mote knife, pre carding segment for efficient removal of trash. The new dust filtering system adopts the streamlined structure and is more in line with the flow kinematics, which can save energy and reduce cost.

According to Mr. Chen, President of CTMTC, the benefits of the machine include reduced labour, reduced energy consumption and guaranteed product quality. The machine on display has been sold to Saritow Spinning Mills. ♦

Gerlach: Manufacturer of chains, clips and pin links for stenters

GERLACH is one of the world's most important manufacturers of chains, clips and pin links for stenters, with a sales network covering the largest market share.

According to Mr. Alberto Vomiero Gerlach, "Our strength is more than forty years of experience. We use only premium materials and attribute particular importance to high precision and to a constant quality standards. Thanks to GERLACH philosophy, we have the trust of the leading stenter manufacturers worldwide. We supply with more than 120,000 clips and more than 120,000 chain links a year as well as



lube-free chains with long life lubrication provided of special synthetic bushes, lasting from 10,000 to 40,000 hours of operation. We can also produce chains operating at 300°C, as well as corrosion resistant

chains. All clips are thermically stabilized before delivery. Our plastic film technology division can supply clips for the production of BOPP and BIAx films." ♦

EFI Mezzera Denim range

EFI Mezzera is one of the pioneers of indigo dyeing technology, that allows indigo denim production preserving up to 40% water, offering deeper indigo and sulphur penetration, and 20-25% reduction of initial investment.

Indigo denim production with lower environmental impact is now possible, decreasing drastically sulphites, sulphates and sulphidrates from drain water and fabrics.

The new Looptex range by Mezzera, offers the advantages of the old Loop machines, with the latest chemical and mechanical technology, thus achieving darker casts, deeper indigo penetration, and improving color fastness.

Other advantages include:

- High flexibility in all processes, from indigo dyeing to sulphur dyeing, thanks to the

small machine size and the sealed nitrogen reactors.

- Smaller machine size, up to 20% smaller than the smallest Slasher available in the market.
- Lower operating costs, which means up to 20% savings due to the reduced use of the indigo liquor bath.
- High fixation rate as fabric passes into the oxidation loop many times.
- Sustainability: Reduction of boxes but not the final speed, water and chemicals consumption, are lower than other ranges
- Slasher-loop: customization of the machine on customer requests, thus it is now possible to use LOOPTEX as a Loop or Slasher as well. ♦



Fukuhara displays MXC-E5RE Single-Knit Multi Feeder Knitting Machine

The MXC-E5RE Single-Knit Multi Feeder Knitting Machine model is the five feeders/inch 'Super Multi Feeder' knit machine. The increased number of feeders, (approximately 1.6 times their conventional 3SRE or S3.2RE), makes this model a highly productive machine. Therefore, the required amount of basic fabrics can be knitted in much shorter time, resulting in lower electric energy consumption. The super multi feeders of this machine allows the customer to knit stripe patterns with larger pattern repeats.



E-NEEDLE® for 'economy, environment and evolution'

Fukuhara is the only circular knitting machine in the world producing both the machines and the needles/sinkers. Fukuhara is represented in Pakistan by Al Murtaza

Machinery Company and can be contacted at IGATEX in Hall 3.

E-NEEDLE® is the next generation needle on which the shapes of the

main body and rear area have been modified to reduce the amount of contact with the cylinder slot. The new design makes it possible to greatly reduce both the amount of energy required for the operation and the amount of heat generated by friction. ♦

Bräcker, Graf, Novibra, Suessen and SSM

The five companies Bräcker, Graf, Novibra, Suessen and SSM joined their sales forces, uniting the world's leading brands for the supply of technology components to the textile industry, forming the only global provider of components for all spinning technologies. The assortment includes the complete product range of components from fibre to yarn. Technology parts for sliver preparation, spinning components for all spinning technologies, products for high-end and basic technology as well as global sales, service, engineering and manufacturing.

Novibra

Novibra presents the LENA (Low Energy Noise Absorption) high-speed spindle, which reduces the energy consumption of the ring spinning machine. And thanks to the CROCOdoff clamping mechanism, which provides doffing without

underwinding and eliminates underwind threads, there are fewer ends down and less fiber fly.

Graf

The show highlights presented by Graf include a wide selection of clothings for all types of card, providing optimum carding quality for the production of high-grade yarns. With regard to combs, the focus is on Ri-Q-Comb flex. Up to 20% fewer imperfections are achieved with this new height-adjustable technology.

Suessen

Suessen presents the compacting system EliTe®CompactSet with innovative components and assemblies such as the EliTop Advanced, which increase the lifetime of coatings by up to 100% and reduce the finishing and workshop time by up to 50%.

The family of HP-GX Top Weighting Arms for short staple, roving and worsted spinning machines are equipped with finely tuned heavy-duty plate springs without friction in the load transmission. The HP-GX 3010, for short staple, in combination with ACP Quality Package (Active Cradle with PINSpacer NT) reduces IPLs in cotton spinning up to 60 % and Uster CV% up to 15%.

Bräcker

Bräcker presents an innovative traveller coating and a new ring/traveller combination. The advantages include the surface coating of the ONYX travellers which facilitates greater efficiency. The improved gliding characteristic allows for an increase of the spindle speed by up to 1000 rpm and prolongs the life of the traveller by up to 50%. The large contact surface between SFB traveller and ORBIT ring allows for



Lukas Castulik, Area Sales Manager, Novibra; Georgios Katis, Technical Sales, Graf; Ioannis Spiridopoulos, Senior Vice President Marketing & Sales; Fritz Moser, Senior Sales Manager, Bräcker and Olivier Dessouslavy, Area Sales Manager, SSM.

higher spindle speeds, even with viscose or fibers that are vulnerable to thermal damage, e.g. polyester.

SSM

SSM is one of the world's leading suppliers of precision winding machines in the fields of dyeing, weaving and sewing thread preparation and enjoys success in individual segments of filament yarn production. In the fiscal year 2016, SSM generated net sales

of CHF 85.9 million with 246 employees and achieved an EBITDA margin of 14.8%. Last year in June 2017, Rieter acquired the SSM Textile Machinery Division from Schweiter Technologies AG, Horgen (Switzerland). SSM comprises the companies SSM Schärer Schweiter Mettler AG in Horgen and subsidiaries in Italy and China.

With this acquisition, Rieter is investing in adjacent fields of the textile

value chain. SSM's expertise in the field of precision winding offers opportunities for Rieter in the business with short-staple spinning machines. Rieter will continue to operate SSM in its current form and with the existing management. The business will be attached to the Business Group Components as an independent unit. ♦

Autoconer 6 with E³ more productive & economical

Even if the winding machine is only responsible for about 10-15% of the energy consumption (compressed air and electrical energy) when considering the classic ring spinning process, these criteria play an important role in assessing the performance of the machine. Comparative measurements in the package winding sector show that the Autoconer 6 is not only more productive than the competitors; it also consumes less energy and compressed air and uses the



with the aim of ensuring maximum productivity with the lowest possible consumption of resources. E³, the certificate for triple customer benefits in the fields of energy, economics and ergonomics, guarantees Schaffhorst's customers the greatest possible benefit from technical innovation. A number of factors are responsible for the good results in the comparative test, which are only available for the Autoconer 6 in such an optimal combination. ♦

valuable raw material more sparingly. Provided with the latest equipment and E³ certification and with optimum settings, the Autoconer is the most efficient and cost-effective automatic winding machine on the market.

The Autoconer 6 was developed from the outset

Rieter Award Winner 2018

Rieter Award has been a component of the company's program, given to students and young trainees every year since 1989. With the prize, Rieter promotes young talents and supports universities and institutes in their efforts to win outstanding new recruits. The Rieter Award winners are selected globally from students and young trainees in the textile technology industry who are distinguished by their sound work and great commitment. The Rieter Award Winners' Club now has 177 members.

The four prize winners for 2017 are from China, Turkey, the US and Pakistan:

- ❖ Mengru Li, Wuhan Textile University, China.
- ❖ Dogukan Yanlioglu, Dokuz Eylul University, Turkey.



in developing yarn with antimicrobials for sports applications. He is currently working as the Assistant Manager Marketing at US Denim Private Limited.

In a well-attended ceremony held on 27th April, the third day of IGATEX 2018, Mr.

- ❖ Matthew James Coats, North Carolina State University, the US.
- ❖ Salman Ahmad, National Textile University, Pakistan.

Salman Ahmed is a bright alumnus of the National Textile University who completed his BSc in Textile Engineering in 2016. He is a gold medalist who stood first in the class of 2016. His specialization was

Peter Spirgi from Rieter and the team of Simag Pvt Ltd, representatives of Rieter in Pakistan, presented the Rieter Award to Salman Ahmed. While accepting the award, Salman Ahmed said it is a great honor for him to receive this award and thanked Rieter and Simag Pvt. Ltd for providing him this great opportunity. ♦

IGATEX Conference 2018

27th & 28th April 2018









40th
Anniversary

DEMSAN

TEXTILE MACHINERY



PAC-1
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RB/E-22.5
ROLLING MACHINE



M2/K3-14
PALLETISING MACHINE

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