

Corporate News

Uster Technologies acquires Zweigle products

Uster Technologies Ltd has acquired the product range of Zweigle to complement and strengthen its position as the world leader in yarn testing and certification.

Zweigle, a producer of specialized yarn testing systems based in Reutlingen, Germany, recently filed for insolvency. Uster Technologies has acquired the technology and know-how for the complete range of Zweigle products as well as the right to use the Zweigle brand name. No other assets and no liabilities are included in the transaction which was finalized for an undisclosed amount. Three selected experts from the Zweigle organization will be working with Uster to ensure smooth integration.

In 2007, Zweigle reported sales of approximately CHF 3.0 million. The acquisition of Zweigle's product range strengthens Uster Technologies' position as the worldwide leader and authority in yarn testing and certification. It also gives customers the advantage of a 'one-stop shop' for all their requirements in laboratory testing.

In the future, USTER® STATISTICS based on data from Zweigle instruments will be provided to customers giving them further opportunities to optimize their product quality, control costs and improve their profitability. In addition, the strength

of Uster Technologies' distribution channels will give the opportunity to increase sales of Zweigle products.

Dr Geoffrey Scott, CEO of Uster Technologies, stated: "Zweigle is a long standing company in the area of yarn testing with a proud heritage of over 90 years. They have a fine reputation as a quality supplier and their products fit perfectly with USTER®. The integration of Zweigle's products complements our existing product range and allows USTER® to now offer a complete range of testing instruments to specify the quality characteristics of yarns, with the addition of further important parameters such as yarn twist, friction and hairiness length measurement. "

Marks and Spencer endorse Q-Sun Lightfastness Testing

Q-Lab Corporation is a global provider of scientific instruments and test services for research and development and quality control. The company's manufacturing facility and headquarters are in Cleveland, Ohio USA and facilities are located in Florida and Arizona, as well as Manchester, England, Düsseldorf, Germany, and Shanghai, China.

The Q-Sun Xe-3 is a lightfastness tester that uses full-spectrum xenon arc lamps (UV, visible light, and infrared). Its purchase price and operating costs are much lower than costs traditionally associated with xenon testers.

Marks and Spencer (M&S) had recently approved the Q-Sun lightfastness tester, "following its successful evaluation at the labs of STR UK Ltd," confirms Mr. Ian Morris, Product Testing, Safety and Plan A Delivery Manager for M&S. Q-Lab chose the independent test house STR (UK) Ltd., a M&S accredited laboratory based in Derbyshire, to evaluate the Q-Sun. STR is a leading international provider of testing and inspection



Q-Sun Xe-3

quality assurance services to manufacturers, distributors and retailers of softline products.

Results from extensive evaluations concluded that the Q-Sun flat array tester gives similar

lightfastness results as the rotating drum testers that have traditionally been approved by M&S. The tester also has comparable irradiance uniformity and humidity uniformity. In STR's final report, the Q-Sun also received high accolades for its ease of use.

Chinese textile standards officials tour SDL Atlas offices

A Chinese delegation studying U.S. and Western standards used in textile and apparel manufacturing visited the North American headquarters office and tech center of leading test equipment provider SDL Atlas.

Director Fang Xijiang of the Standardization Institute of the China Textile Academy and his colleagues also toured other key American textile facilities, including Cotton Inc. and Frontier Spinning in North Carolina, the College of Textiles at North Carolina State University and AATCC Research Committee sessions on standards at Research Triangle

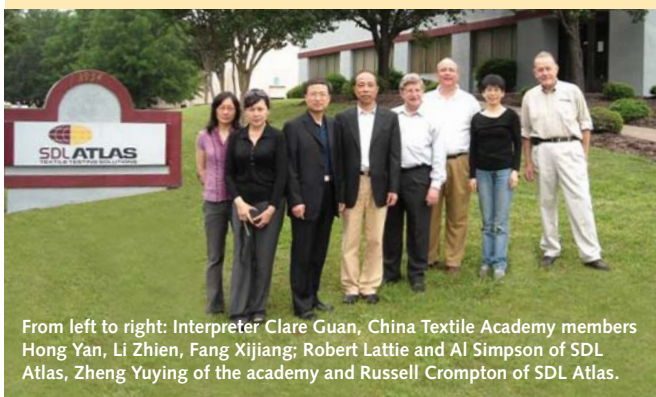
Park. Robert Lattie, SDL Atlas Director, Product Management and chair of the ANSI accredited TAG to TC38 for Textiles, arranged the visit and played host to the visitors. SDL Atlas is a growing influence and important textile equipment supplier to the Chinese market and other overseas customers.

"During the SDL Atlas visit, the emphasis was on reviewing our broad line of standard consumable fabrics used in textile testing and our wide range of special services we routinely provide to our textile clients," Lattie said.

Textile manufacturing standards differ significantly in China compared to the U.S., according to Lattie. In contrast to the open, expert-based approach in the U.S. with its largely self-imposed industry standards, most standards in effect in China carry the force of law.

After North Carolina, the Chinese group traveled to the U.S. Consumer Product Safety Commission in Bethesda, Maryland and the Pennsylvania-based ASTM International headquarters. The SDL Atlas Group of companies offers the largest range of textile testing products, supplies, consumables, and services available from a single source. With its own offices in the U.K., U.S., Hong Kong and China, plus agents in over 100 other countries.

For more information, visit: w.sdlatlas.com



From left to right: Interpreter Clare Guan, China Textile Academy members Hong Yan, Li Zhien, Fang Xijiang; Robert Lattie and Al Simpson of SDL Atlas, Zheng Yuying of the academy and Russell Crompton of SDL Atlas.

Retech AG incorporated with Lenzing Instruments

Lenzing Instruments GmbH and Co. KG, Austrian producer of testing equipment, has the exclusive and global licence to sell **PROMPT ATQ**, an online sensor system for monitoring of the yarn tension during the air texturizing process.

The agreement between Lenzing Instruments and the Swiss company RETECH AG was entered with the aim of increasing the existing market coverage by taking advantage of Lenzing Instruments wide network of potential customers and distributors as well as their competence of online monitoring. The new collaboration combines the expertise of these two innovative companies in an ideal manner.

PROMPT ATQ is a valuable tool for producers of air texturized yarn; giving feedback about the real time status of the texturizing process by measuring the absolute yarn tension.

The received feedback gives the operator possibility to react to problems such as dirty nozzle, defect yarn guides, faulty temperature of the heater, missing fancy yarn etc.

PROMPT ATQ is a chemical resistant and robust system, which consists of a number of tension sensors based on Hall effect and a control panel. Emphasis has been put on simplicity and results evaluation with no need for expert personnel.

Lenzing Instruments GmbH and Co. KG offers a wide product range of quality control equipment, designed for the special needs of producers of filaments, fibers, nonwovens and plastic films.

The company develops, manufactures and markets testing equipment for laboratory use, at-line use close by the production as well as online systems.

RETECH AG is a manufacturer of high efficient mechanical and electrical components for textile machinery. Apart from the tension sensors, RETECH AG also develops and produces heated godets with measuring- and control systems, customized draw units and yarn finishing of synthetic yarns.



PROMPT ATQ - an online sensor system for monitoring of the yarn tension during the air texturizing process.

Rieter launches new JETlace® dedicated to cotton pad production



Based on Rieter's unrivalled experience in the cotton industry since 1795, Rieter Nonwovens is launching the new

JETlace®CottonPad on the spunlace market. Rieter has developed this JETlace® optimized for the production of high-quality cotton pads. The JETlace®CottonPad has a compact and unique design which requires maintenance and low energy consumption in comparison with standard cotton nonwovens machines.

This latest JETlace® series is user friendly in operation and can produce cotton webs from 150 to 250 gsm. This machine has been designed to meet customer needs in terms of efficiency and environmental requirements.

In fact, its compact design will dramatically reduce transportation costs and structural requirements, and customers will save time from ordering to commissioning of the line.

The Rieter JETlace® range: JETlace®3000 is the customized hydroentanglement machine able to produce state-of-the-art spunlace fabrics from 30 to 500 gsm with a high capacity of up to 25 000 tons per year. JETlace®Avantage is a standard machine and has been launched for emerging countries wishing to enter the spunlace industry with a minimum of investment. JETlace®essential is the water jet machine optimized for wipes and medical products from 30 to 80 gsm and a capacity of up to 15 000 tons per year. JETlace®CottonPad is the latest hydroentanglement system from Rieter and is dedicated to the production of cotton pad end-uses.

Fleissner to deliver two more spunlace machines to China

During this year's ANEX and SINCE show in Shanghai, the news spread fast: Fleissner, located in Egelsbach, Germany will supply two more spunlace machines to China and is adding to the success of the last years, making China the most important single nonwovens market for Fleissner and Fleissner the market leader of imported spunlace machines to China.

The first order was awarded by **Shanghai BG Industrial Fabric Co.**, one of the leading producers of needle punched filtration felts in China. The AquaJet-spunlace machine will be designed for the production of heavy webs from polyester, P84, Nomex, PTFE, glass reinforced products and other materials. Due to weights of up to 600 gsm, pressures of up to 400 bars will have to be applied, a challenge that only Fleissner can handle due to past industrial references for a different



Shaoxing Hezhong Fibre Co. "Celebration of order for 4th Spunlace Line."

application, but at similar pressure levels.

The machine has the option of producing synthetic leather up to 300 gsm and sanitary products up to 80 gsm. BG Filter will be the first company worldwide introducing hydroentangled filter products of such high web weights to the market, Fleissner is the first company designing and supplying such individually designed spunlace machine for producing filter nonwovens.

The second order was placed by **Shaoxing Hezhong Fibre Co.** for their fourth spunlace line. The line will be designed for lightweight nonwovens up to 80 gsm at high production speeds. All hydroentanglement machines of the three existing lines had already been supplied by Fleissner and are operating at highest throughput and availability to the full satisfaction of Shaoxing Hezhong Fibre Co. ♦



Technical design meeting at BG Filter, Shanghai.

Morrison celebrates it's 50th Anniversary year

Morrison celebrates it's 50 Anniversary this year with the introduction of new products and technology. With over 300 Indigo Rope Dye and Denim Finishing Range installations, Morrison offers its customers exclusive single source responsibility for the rope dye process by adding the MDS-BW 450 Ball Warper and MDS-RB 550 ReBeamer to their scope of manufacturing.



MDS-BW Ball Warper

MDS-BW Ball Warper is based on the practical application of proven process designs combined with the latest technology to provide high quality ball warps. Programmable high speed Linear Traverse allows tapered ball profiles. Additional features of the **Smart Lease™** and **Smart Stop™** technology are increased production, prevention of yarn knotting and reduced broken ends.

MDS-RB ReBeamer

The MDS-RB ReBeamer is a field proven design which provides superior rope yarn opening. Features include; Heavy duty design for beam diameters up to 1.1 meter, AC Drive and Touch Screen control system for full functionality, Semi Automatic Beam Doffing and fast acting double end Pneumatic Brakes. Available options are Sheet Strummer, Press Roll with kick back, Elevated Reverse Accumulator with improved design for speeds up to 60m/min Tub Turner.

With regards to compressive shrinking of woven fabrics Morrison again introduces exclusive technology with SanforTROL™ and their S7 Rubber Belt Shrinking unit.

SanforTROL™

SanforTROL™ is the first fully automated compressive shrinking closed loop control which continuously controls shrinkage in accordance with precise preset linear fabric measurements from it's exclusive **YieldMAX™** system. Control is accomplished as the Quality Control Loop targets the recipe based



residual shrinkage and makes an automatic adjustment to Felt Palmer speed should the shrinkage deviation trend outside the high/low limits.

Simultaneously, the Catenary Loop Control trims the Rubber Belt compression to maintain preset distance between fabric and the acoustical measuring device. The Moisture Control Loop feature, maintains target moisture percentage by controlling water supply to an atomized spray system or steam supply to drying cylinders.

SanforTROL™ maximizes fabric quality, increases fabric yield and reduces process costs.

RBM-S7 high performance Rubber Belt Shrinking Unit.

Morrison's state-of-the art, high performance unit features optimal roll / belt geometry, new frame design to enhance maintenance and **AutoGRIND™** for improved shrinkage consistency. FCS software specifically designed for AutoGRIND tracks belt thickness and linear meters processed. Based on predetermined recipe set points, operators are alerted to activate the grind cycle, which results in shorter (2 hours) and more frequent grinding cycles, which has proven to improve belt performance and yield more consistent shrinkage.

New technology from Morrison includes Smart-60™ Digital Angle Detector

New Smart-60 series Angle Detector is specially designed for mounting on the journal of the compensator dancer roll to provide feedback of the angle or position. Smart-60 with LED display gives relative reading of angle changes. This device is easily calibrated by using an IFRC (infrared remote controller) and is constructed of anti-corrosive material with no internal moving parts.

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Lemaire appoints new representative for Pakistan

Based in the North of France, Lemaire is one of the leaders in transfer printing calenders and laminating calenders.

Alia International has recently announced their representation of Lemaire in Pakistan. One of the most well known type of machines produced by Lemaire is the **ROLLINGSTATIC** range of transfer printing calenders as well as the range of dry-laminating calenders.



Industrial Calender Range M-1.

The experience that Lemaire have gained in precision heat control calenders for transfer-printing and also the handling of various materials has permitted other processes to benefit from Lemaire technology, particularly in the field of thermo-bonding and thermo-setting.

Transfer printing: The range of transfer-printing calenders is available in 5 diameters of cylinders, as from 240 mm to 1000 mm.

The company differentiates two ranges:

- ❖ The digital printing calenders, dedicated to the users of ink jet plotters, that allow a perfect transfer-printing and heat-setting of the inks.
- ❖ And the standard Transfer-printing Calenders that are designed for the fashion as well as the textile professionals. This polyvalent machine allows transfer-printing by sublimation of fabrics.

Lemaire proposes a large range of various diameter and width of heat cylinders. Lemaire also designs heating cylinders upon specific request. The machines are built to satisfy the client's needs and for this reason, it is rare that Lemaire would produce two identical machines. The client must first determine the maximum product working width and the production desired related to a dwell time needed to activate the adhesive.

Other Machines available by Lemaire include packing, automotive, upholstery textile, nonwoven material, floor covering and insulation, leather: shoes and luggage, accumulator, calenders, shear machines, powder, vacuum stacker, winders, unwinders, heating / cooling group, transversal cutting machine, reversing web device. ♦