

Datacolor® offers color assurance with introduction of Guardian

Datacolor® one of the global leaders in digital color management technology, has announced Guardian, the next generation instrument monitoring technology and unique predictive maintenance program for Datacolor's high-end spectrophotometers.

Datacolor's Guardian conducts periodic diagnostic instrument testing through a process of measuring reference grade High Chroma Tiles. Taking only minutes to perform, the data is collected and automatically transmitted to a Datacolor server. The data is then reviewed by a staff of specially trained Datacolor Instrument Experts who can detect subtle trends that may adversely affect instrument performance. If warranted, the Expert will advise if service is required to avoid a future instrument failure, thereby avoiding downtime, or worse, production of material that is out of spec.

Guardian's unique predictive maintenance approach anticipates possible failures and allows Datacolor users to implement proactive service before an instrument color drift adversely affects production. As part of the Datacolor Assured family of service products, Guardian provides users with a full complement of service tools to maintain color integrity throughout the supply chain.

Guardian Software

Guardian Software is a diagnostics tool that is set to automatically send test results to the Datacolor Guardian Sentinel server, where it is reviewed by the assigned Datacolor technician to assess each instrument for possible troublesome trends. Guardian Software also allows the user to correlate an instrument to the Datacolor Master instrument to improve the inter-instrument agreement with other instruments in the supply chain.



Predictive Maintenance Software



Guardian™ The Ultimate Remote Instrument Diagnostics Program by Datacolor

Guardian Fleet Manager

Guardian Fleet Manager is a stand-alone fleet management tool for supply chain managers that tracks overall fleet compliance at a glance, and offers status details of each instrument with a click of a mouse. Guardian Fleet Manager is the ideal tool for tracking the integrity of a large fleet of instruments in integrated manufacturing operations or multi-tiered supply chains.

As the leader in digital color management technology with global operations that develop solutions chosen by leading brands, manufacturers, professional photographers and studios, Datacolor works with partners and distributors to deliver its intuitive tools to desktops worldwide.

Dow Corning® Silicone Textile Printing Inks

During a world-level competition this summer, at least five global sports teams will wear special uniforms manufactured by a top sportswear brand. The uniforms use innovative Dow Corning® Silicone Textile Printing Inks, providing players with durable screen-printed designs that look great, feel soft and don't crack, fade or run.

Dow Corning, one of a leading suppliers of silicone solutions for the textiles industry, is able to provide athletic apparel manufacturers inks that are suitable even for tough-to-print, high-performance sports apparel made from most natural and synthetic fabrics, including elastic fabrics.

Silicone textile printing inks are fast-curing and easily pigmented. They offer high elongation and a soft, non-tacky handle. In addition, Dow Corning's cost-effective inks provide optimal coverage and allow for a variety of unique special effects. With heightened consumer concern regarding environmental impact, silicone textile printing inks are an ideal solution because they contain no organotin, phthalate, formaldehyde, PVC or solvents.

Dow Corning offers a comprehensive selection of proven silicone-based performance enhancers and process aids for textiles and is breaking new ground in the realm of eco-innovation. In addition to materials, the company provides supportive services and solutions tailored to the specific business and sustainability needs of the global textiles industry. Proposed

New ASTM textile standard for elastic/stretch properties

ASTM International is one of the largest international standards development and delivery systems in the world. ASTM International meets the World Trade Organization (WTO) principles for the development of international standards: coherence, consensus, development dimension, effectiveness, impartiality, openness, relevance and transparency. ASTM standards are accepted and used in research and development, product testing, quality systems and commercial transactions.

A proposed new standard from ASTM International Committee D13 on Textiles will be useful to those involved in the design and evaluation of garments that are meant to fit tight on the body. ASTM WK27572, Test Method for Elastic/Stretch Properties of Textile Materials, is being developed by Subcommittee D13.59 on Fabric Test Methods, General.

"Elongation using a specified load only tells us a part of what we'd like to know," says Kham Viengkham, materials test engineer, Nike Inc., and a member of D13. "We want to be able to identify the yield point where the material begins to experience permanent deformation or is no longer elastic. This point is useful to designers, product developers and pattern makers for properly sizing garments by utilizing an amount of stretch below a materials yield point. This area can be called the elastic region, where we can better predict the behavior of a material."

Viengkham says that knowing the yield point of a material will enable designers to avoid garment failures such as sagging, bagging and other fabric deformations. The proposed test method will also allow designers to determine how tight or compressive a garment will feel.

The subcommittee welcomes participation in the ongoing development of ASTM WK27572, particularly from designers who would be using the standard. Further information can be obtained from ASTM Web site at www.astmnews-room.org.

X-Rite and Lectra provide simple, yet complete solutions to create freely with a vast palette of colors

X-Rite, Incorporated now offers its ColorMunki™ Design and PANTONE® FASHION + HOME color references on Lectra's e-stores serving North America, United Kingdom and Euro zone markets, making it easy for fashion designers to create freely with a vast palette of colors.

In January, X-Rite, one of the leaders in color management, measurement and communication technologies, partnered with Lectra, another leader in integrated technology solutions for industries using soft materials - textiles, leather, industrial fabrics and composite materials, allowing creative, development and production teams to easily and accurately manage and communicate colors both internally and with external partners and suppliers.

X-Rite technologies featured in Lectra solutions include ColorMunki Design, an all-in-one color solution for the selection, creation and control of new colors; the PANTONE FASHION + HOME color references; and CxF (Color Exchange Format), a file format designed to accurately communicate all relevant color information across multiple devices, applications and geographies.

Lectra's Kaledo V2R2 software now directly supports X-Rite's ColorMunki Design product, allowing fashion designers to use ColorMunki's spectrophotometer to read colors directly from virtually any surface, and to use ColorMunki software for the instant extraction of colors from digital images and to easily find new color harmonies. Customized color palettes are then easily exported to Kaledo and used in fashion and textile design activities. Furthermore, ColorMunki Design provides completely integrated monitor, printer and projector characterization features to ensure consistent and accurate color from inspiration to screen to print, without sacrificing quality. As ColorMunki functionality is built directly into Kaledo, designers can easily activate the custom built profiles without having to leave the Kaledo environment. Through the Lectra e-store, customers can find the products they need for this seamless, easy and efficient workflow without having to conduct extensive online searches.

Lectra and X-Rite are conducting joint webinars describing the use of Kaledo with ColorMunki Design and PANTONE FASHION + HOME at regular intervals throughout the year. Please access the schedule of webinars at www.lectra.com/events. ♦

Trumac is now Truetzschler India

Effective from 21st May 2010, Truetzschler subsidiary Trumac Engineering Co. Pvt. Ltd. is renamed as Truetzschler India Private Ltd.

Trumac started back in 1979 as joint venture with the sales partner A.T.E. Enterprises Pvt. Ltd. in Ahmedabad, India. Initially, this company served only as a production facility for blow room machines. In 1992, cards were added to the production program, and in 2002 draw frames. In the first years, the focus was on machines of the older generations. In the last years, a transition to cutting-edge Truetzschler series, which today are marketed under the brand name of Truetzschler in India, took place.

A large-scale expansion of the production facilities to meet worldwide standards and a successful quality campaign ensure that products and services are at the Truetzschler level. Today, Ahmedabad is not only the place where machines in Truetzschler quality are produced, but also where sales and nation-wide service are performed in India.

To make this progress of the Truetzschler subsidiary visible to the outside world, and in particular to document the transformation from production facility to fully integrated producer and service provider, the company name is changed to "Truetzschler India". Truetzschler India is active in the SPINNING and CARD CLOTHING divisions, and now plans to support its NONWOVENS division in India. ♦



Entrance to the premises in Ahmedabad, India



The premises in Ahmedabad, India

Fira Barcelona and Messe München International win UFI International Awards for 2010

UFI, the Global Association of the Exhibition Industry, has announced the winners of its annual ICT and Operations Award competitions for 2010. This year's contenders, chosen from throughout the global exhibition community, provided hands-on solutions to key industry issues in the fields of information technology and customer relations management.

The 2010 UFI Operations competition focussed on concrete solutions related to cost efficient operations. All entries provided clear explanations of the objectives of the solution, the tools used, the quantitative and qualitative results obtained, and

the added value for the exhibition industry. Direct Energy Center, Toronto, Fira Barcelona, and Messe München International were the finalists chosen by the UFI Operations Committee.

After presentations at the UFI Operations Focus Meeting in Paris on April 29, the winner was selected by a vote of the meeting participants. Much to the surprise of all, the final vote was a tie between Direct Energy Center, Toronto, and Fira Barcelona, so, exceptionally, the 2010 Operations Award has been awarded jointly for these outstanding entries. ♦



UFI International award winners



Picanol achieves milestone with production of 300,000th weaving machine in Ypres

The 300,000th weaving machine pass the end of the production line since production first commenced at the weaving machine manufacturer Picanol, Ypres in Belgium.

This represents yet another milestone in the long history of Picanol, which was founded on 22 September 1936. The 300,000th weaving machine, an OMNIplus 800 airjet weaving machine, will be shipped this week to a customer based in PR China.

The very first Picanol weaving machine - the Omnium – was produced in 1936 in the Polenlaan in Ypres. It was based on a design from the Spanish engineer Jaime Picañol. In the early years, the company achieved an annual production of 120 machines.

However, by the time of the outbreak of World War II, production had risen to one machine per day. In the 1950s, Picanol laid the foundation for future international expansion with the President weaving machine (which was also exhibited at Expo'58).

In the early 1960s, Picanol moved to a new industrial area on the borders of Ypres as a result of increasing demand for weaving machines. And it continues to assemble its hightech weaving machines in the K. Steverlyncklaan to this very day.

Staying ahead with innovative technology

Through its policy of innovation and constant focus on product quality, processes and people, Picanol has managed to surprise the market time and again with new, high-tech weaving machines.

Since the first Omnium weaving machine in 1936, more than 15 new models have been launched on the market. And for the forthcoming ITMA-Asia + CITME fair (22-26 June, Shanghai), Picanol will introduce a new airjet model, the OMNIplus-X.

Picanol is currently the technological market leader in both airjet and rapier weaving machines. The machines are made in Belgium and China (since 1995). Driven by the continuous efforts of the Picanol engineers, the speed of weaving machines has evolved phenomenally: the



first (shuttle) weaving machine was able to achieve a speed of about 140 picks per minute.

Today, the OptiMax rapier weaving machines are able to reach industrial speeds of more than 700 picks per minute (the fastest rapier machine in the world), while the OMNIplus 800 airjet machines reach the speed of more than 1250 picks per minute.

High-tech Picanol weaving machines can be used to weave a variety of textiles in three main segments: apparel (e.g. denim, blouses, sportswear etc), household (e.g. percales, curtains, blankets etc) and technical textiles (e.g. airbags, parachutes, sail cloths, tire cords to reinforce car tires etc). Indeed, an estimated one out of three pairs of denim jeans worldwide is made on Picanol weaving machines.

"In the past decades we have always pushed the limits of weaving machines both for and with our customers. As a result, we are one of the world's top weaving machines producers. We have always stuck to our core mission: developing, assembling and servicing innovative and reliable high-tech weaving machines. The accumulated experience we have following production of these 300,000 machines is the best guarantee for our worldwide customers that they get the best weaving machine when choosing Picanol. We would like to thank all employees that contributed to these 300,000 weaving machines in the past decades. It is thanks to their dedication and motivation that Picanol has been able to develop into a global leader today," stated Geert Ostyn, Vice-President Weaving Machines.

Picanol is part of the Picanol Group, which will celebrate its 75th anniversary in 2011.

For further information:
E-mail: edv@picanol.be.

Groz-Beckert: Technology and Development Centre

Will geotextiles soon be successfully creating fertile soil from arid desert landscapes?

Will creative forms in mobility make it possible for even more people to be transported efficiently in the near future?

Will textiles a few years from now be able to open up new habitats for humanity on distant planets?

The answers to these and many other exciting questions relating to visionary textiles production are all being researched at Groz-Beckert. Machine manufacturers and users are shaping the textile future together with the company at the new Technology and Development Centre (TEZ), located at Groz-Beckert's headquarters in Albstadt.



Technology and Development Center.

A total of 25,000 square metres of floor space are available for expert training and further education as well as far-reaching synergies and syntheses.

Activities are focused not least on the development of new products and services across the entire textile value-added chain. This includes neutral, independent research as well as economically viable solutions which pay off very quickly in practice.

The medium-term strategy is to integrate textiles into ever broader and newer areas of application – all the way to textile-concrete bridges, which set technological standards with their impressive spans.

The visions are many and varied. In every case, with its Technology and Development Centre (TEZ) Groz-Beckert is simultaneously strengthening and expanding its position as the world's leading provider of precision components, systems and services for the most diverse textile production methods. Around 6,500 employees worldwide are looking forward to sustained momentum in textile production – and with them, numerous customers in over 150 markets worldwide. ♦

Texparts® SLA : A new manual spindle lubricating apparatus for complete spindles

Oerlikon Textile Components has included in their product range the new Texparts® SLA Manual Spindle Lubricating Apparatus in addition to the well-proven Texparts® SLA Electrical Spindle Lubricating Apparatus. With this new lubricating apparatus Oerlikon Textile Components offers to their customers a solution for every spindle lubrication demand.

Reasons for lubrication

The lubrication of a spindle bearing supports the extension of spindle lifetime and the reduction of energy consumption. Oil loses its lubricating effect over the time of use due to the oxidation and contamination with foreign particles. Therefore, a periodically oil change is required. Oerlikon Textile Components now offers the new Texparts® SLA Manual Spindle Lubricating Apparatus with a manual oil pump which is based on the proven working principle of the well-established Texparts® SLA Electrical Spindle Lubricating Apparatus. Therefore, the users of the Texparts® SLA Manual Spindle Lubricating Apparatus will benefit from the same advantages as the Texparts® SLA Electrical Spindle Lubricating Apparatus. However, no power connection is required for the new Texparts® SLA Manual Spindle Lubricating Apparatus.

Clear customer benefits

The new Texparts® SLA Manual Spindle Lubricating Apparatus offers optimal lubrication results by a working principle that avoids over excessive lubrication. Therefore, the correct oil level is guaranteed. Moreover, there will be no contamination of the machine with oil and it offers an automatic flushing of the spindle bearing. The first filling already guarantees the oiling of the roller bearing. The new Texparts® SLA Manual Spindle Lubricating Apparatus can be used for first lubrication and relubrication. Therefore, only one device is necessary for two tasks. The system-assisted quick and easy process leads to a lubricating time of only 10 seconds per spindle including the replacing of waste oil and the handling is also possible for non-specialists.



Texparts SLA.

Working principle

The spindle lubricating apparatus supplies clean oil and replaces waste oil simultaneously. The pump supplies the spindle bearing with clean oil. The incoming clean oil rinses the roller bearings. The clean oil extrudes the waste oil through the windings of the damping spring, the footstep bearing and then out of the bearing unit through the return pipe. The waste oil is fully replaced and the bearing carefully rinsed at the same time. The specific design of the lubricating adapters ensures the correct oil level which is automatically achieved inside the bearing unit. Extended lubricating time increases the rinsing effect but has no influence on the oil level. A shorter lubricating time decreases the rinsing effect. When the lubricating adapter is pulled from the spindle bearing unit, the channels for clean and waste oil in the lubricating nozzle are automatically locked. Overfilling of bearings or contamination of drive belts, belt channels or spindle rail is thereby avoided.

Flexible solution

With the manual or electrical pumping principle, depending on customers' requirements, Oerlikon Textile Components offers a solution for every spindle lubrication demand. Adapters for main ring spinning machine types and spindles are available and can be used for both types of lubricating apparatus, the manual as well as the electrical. ♦

Inelli Plastik
Small Textile Spin on Text. & S.

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IPLIK BOYA BOBINLERI - YARN PACKAGE DYEING

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AARTEX INTERNATIONAL
AARTEX INTERNATIONAL
367-L Johar Town, Lahore, Pakistan.
Ph: 042-35311366-7,
Mob: 92300-8474446,
Email: aartex@cyber.net.pk,
Web: www.aartex.com.pk

AB Enzymes releases Biotouch® XC300 and Ecostone® CZYME 50

AB Enzymes announced the expansion of its portfolio of products with the arrival of two new enzymes for the Textile industry.

BIOTOUCH® XC300 - for low temperature finishing

BIOTOUCH® XC300 has been especially developed for the Bio-finishing of garments at low temperatures and neutral pH values. These characteristics result in energy savings and greater convenience for garment finishers by eliminating the costs involved in heating water and adjusting pH values.

"The new BIOTOUCH® XC300 is a high performance enzyme for formulators looking for strong depilling capabilities and good colour retention at low temperature finishing conditions", explains Pentti Ojapalo, Business Unit Manager, Technical Enzymes.

ECOSTONE® CZYME 50 - for low temperature denim finishing

ECOSTONE® CZYME 50 has been especially developed for Denim Finishing at low temperatures to create a fashionable grey cast and high contrast with only limited colour change and strength loss. ECOSTONE® CZYME 50 is the perfect choice for modern denim finishing providing good results in both Belly washers and Front loaders.

"ECOSTONE® CZYME 50 allows formulators to offer their laundry customers greater value by enabling the laundries to wash at low temperatures, thus providing them with substantial energy savings while at the same time benefiting the environment", stated Pentti Ojapalo, Business Unit Manager, Technical Enzymes. ♦