

selected, sending the pattern for the custom sweater to a row of industrial-size knitting machines for production. Each sweater is then made to order on the spot according to specification. It is then finished by hand, washed and dried.

Groz-Beckert to exhibit latest innovations for knitting at Techtextil

Groz-Beckert, a leading provider of industrial machine needles, precision parts and fine tools, as well as systems and services for the production and joining of textile fabrics, will exhibit its latest customised solutions at the upcoming Techtextil trade fair for technical textiles and nonwovens, which takes place in Frankfurt, next month.

At the exhibition, the company will present its high-quality needles and system parts for circular, warp and flat knitting segments.

The share of technical knitted fabrics manufactured on circular knitting machines is steadily increasing, partly due to the rise in economical production. Customer-specific solutions are gaining popularity, with new challenges facing technical textiles manufacturers, such as new requirements with regard to wear, loads and workability of yarns.

Warp knitting is surely the most successful knitting technology for manufacturing technical textiles and has helped shape this growth market. The technical options provide for great flexibility in product design. Different fabric weights and features combined with a wide variety of materials at high production speeds lead to deep market penetration in almost all areas of technical application.

At the Techtextil 2017 in Frankfurt the company is looking forward to presenting a unique warp knitting machine equipped with a selection of different warp knitting modules. As well as providing detailed insight into the working method of the modules, the exclusive exhibit will offer space for discussion.

Stoll to present modern flat knitting technologies at Techtextil

Stoll, a long-established manufacturer of flat knitting machines based in Reutlingen, Germany, presented designs and applications of its flat knitting technology at Techtextil,

the leading international trade fair for technical textiles and nonwovens, which takes place in Frankfurt.

The new cluster concept for TT sport, TT med, TT home, and TT mobility was unveiled, along with the new CMS 330 HP W flat knitting machine for TT sport, which is suitable for the manufacture of shoe uppers, orthopaedic supports, and textile accessories with complex shapes.

The compact model also boasted a high production speed, exceptional value for money, and options for inlay techniques, intarsia patterns, and plating effects, the company reports.

According to the manufacturer, the CMS 330 HP W fitted in with Stoll's innovative portfolio of flat knitting machines. "No other manufacturing process for textiles combines complex structures, functionality, and aesthetics quite like Stoll's flat knitting technology," the company explains.

"Whether it's for industrial applications or electrically conductive textiles, the demand for which is increasing, the flat knitting technology offers highly efficient, tailored solutions. Techtextil provides visitors with the opportunity to get to know Stoll's full spectrum of applications."

انا لله وانا اليه راجعون

جناب آقای مهندس حسن نیلفروش زاده
مدیریت محترم شرکت نساجی قروه

درگذشت برادر بزرگوارتان - جناب آقای مهندس
رضا نیلفروش زاده - را خدمت حضرت تعالی و
خانواده محترم تسلیت عرض نموده و برای آن
مرحوم رحمت و غفران الهی و برای بازماندگان
صبر جمیل و اجر جزیل مسئلت داریم.

تحریریه ماهنامه نساجی امروز

Temco), Sedo Treepoint, Textechno, Thies, Trützschler Spinning, Welker Vakuum.

Participating companies in Mexico City:

Allma Volkmann branch of Saurer Germany, Andritz, Autefa Solutions, Brückner Trockentechnik, Dilo Systems + Temafa, Lindauer Dornier, Erhardt+Leimer, Groz-Beckert, HAS Group, Interspare, Jakob Müller Deutschland, Karl Mayer, Körting Hannover, Mahlo, Mayer & Cie., A. Monforts Textilmaschinen, Neuenhauser, Oerlikon Manmade Fibers, Pleva, Reseda Binder, Georg Sahm, Saurer Components branch Hammelburg (Saurer Temco), Schlafhorst branch of Saurer Germany, Sedo Treepoint, Textechno, Thies, Trützschler Spinning, Welker Vakuum, Xetma Vollenweider.

The new technology has been proven to provide an eco-friendly and cost-saving dyeing process. Ecodye is bluesign-certified and is suitable for all textile forms, machines and substrates, as well as existing dye recipes. It requires no additional investment or conversion. The potential savings for each application can be individually computed using a specially-developed calculation program.

Following a successful launch phase, ecodye has already been able to provide numerous positive test results. The technology is being used by polyester-processing customers in categories including outdoor, sportswear and technical knitted fabrics, primarily in Europe, South and Middle America, Turkey, Bangladesh, and China.

Schoeller & Texticolor unveil ecodye for polyester dyeing

Schoeller Textil AG, a global leader in high-performance textile manufacturing specialising in the sustainable development and production of innovative textiles and textile technologies from Switzerland, and auxiliaries and dyes specialists at Texticolor, have developed ecodye, a new auxiliary concept used, in particular, in polyester dyeing processes.

The technology accelerates the dyeing process and contributes to cutting costs, while at the same time helping to preserve the environment with a low level of demand on resources.

The new ecodye auxiliary concept allows eco-friendly and cost-saving dyeing processes for polyester yarns and piece goods. It shortens the heating phase, thus accelerating process time by more than 30 per cent. At the same time, it reduces energy consumption by 20 per cent and the water requirement by 25 per cent, as the goods can be cleaned in the cooling dye bath.

In addition, ecodye improves the dyeing levelness in polyester textiles. Spots and dye agglomeration are almost completely avoided, and the precipitation on the goods that arises as a result of polyester oligomers, are no longer evident. Ecodye provides good shade stability and avoids reproduction problems from batch to batch, thus reducing the rate of double staining and increasing the capacity utilisation and productivity of the dyeing mill on a long-term basis.

Adidas explores localised production with 'Knit for You' pop-up store

Leading sportswear brand Adidas recently launched a three-month initiative called Knit for You, where shoppers could design a sweater, have a body scan to determine fit and get it knitted by a state-of-the-art Stoll flat knitting machine within several hours.

Led by a consortium of private and public entities and supported by the German government, the Knit for You pop-up store in Berlin aimed to explore localised production while empowering individuals with interactive technology to co-create bespoke garments.

"Grounded in the philosophy that we are always in beta-mode, Knit for You is a chance to join adidas' ongoing quest to better understand, and improve upon, the processes that will shape our future," the brand explained.

Buyers first entered a dark room, where swirling camouflage patterns are projected onto their chests. The room is filled with sensors that detect hand gestures, allowing the buyer to move the patterns to create their preferred sweater design with the flick of a wrist. The software records dozens of potential patterns from which the buyer can later choose their favourite when displayed on a computer screen.

Then, customers could select a standard size or chose to determine an exacting fit with the laser body scan technology, enabled by in-store digital architecture – a staff member at the store uses a laser body scanner to measure a customer's size before the individual knitting of a sweater. Once the design and size are finalised, the 'print' button is

GTI Graphic Technology, Inc.: USA

GTI's viewing systems conform to ASTM D1729, SAE J361, and BS-950 Part 2 standards. The product offering ranges from desktop viewers to color harmony rooms. All products are manufactured at our Newburgh, NY headquarters. An in-house spectroradiometric laboratory and 100% measurement and verification production process guarantees accuracy in all products.

Guangzhou Xibo Chemical Technology Co., Ltd. (Sileather):
China

Sileather™ is a new type of performance leather made of 100% silicone. With the unique advantages of silicone, they offer the world a better solution of eco-friendly, easy to clean, weatherproof and highly durable performance fabrics that can be applied in various markets: interior/exterior design, transportation, healthcare, hospitality, marine, etc.

Taconic: USA

Taconic produces high performance PTFE coated fiberglass fabrics, tapes and belts for a diverse range of applications, wherever there is a need for high temperature and nonstick properties. Our worldwide staff includes R&D engineers who can help solve your most difficult challenges. We are finding a better way.

German Pavilion

This year the German Pavilion, organized by the Federal Ministry for Economic Affairs and Energy (BMWi) in cooperation with AUMA _Association of the German Trade Fair Industry will host 25 exhibitors at this year's event in Chicago. Highlighted below are a sampling of the new exhibitors you will see in Techtextil North America's German Pavilion.

Eschler Technical Textiles Ltd.:

Eschler Technical Textiles Ltd., a member of the Schoeller Textiles group, stands for customized and sustainable developed warp knitted textiles for a variety of applications such as Medical Textiles, Expo, Cleaning Textiles, Special Textiles und Base Layers. Our German production site, has been considered as a competent partner for many years when innovative warp-knitted technical textiles are requested.

Gruschwitz Textilwerke AG:

Gruschwitz has a more than 200 years track record as supplier for yarns focussing on twisted, winded or coated threads. Covering a huge range of yarns from natural, chemical and high-tech fibers Gruschwitz is able to select a

tailormade process according to the customer's challenge. Customers are supported by pilot plants and a development and testing laboratory. Gruschwitz provides solutions for a wide range of industries covering e.g. Mobiltech, Medtech, Aerotech, Indutech and Sewtech.

OLBRICH GmbH:

Inspiring Engineering – Convincing Technology! OLBRICH is your system supplier of intelligent machine and line concepts for the production of web products such as wallpaper, floor coverings, film/foils and technical textiles.

German Technology to Host B2B Forums, Technology Conferences In The U.S. And Mexico

The VDMA Textile Machinery Association will host B2B Forums and Technology Conferences November 6, 2017, in Charlotte, N.C., and November 8-9, 2017, in Mexico City.

Industry experts from well-known VDMA member companies will present practice-oriented technology topics to decision-makers from the local textile industries, such as fiber & yarn, apparel, home textile & carpet, technical textiles, nonwovens and composite industry.

The high-quality events are primarily aimed at technical management, production managers, quality and maintenance managers as well as mill owners, among other decision-makers. Presentations along the entire textile chain will show how to increase competitiveness by innovative technology, higher productivity, resource efficiency (energy, water, material), higher value-added textiles and industrial internet (Industry 4.0).

The networking will be supported by B2B meetings (pre-arranged or spontaneous bilateral meetings in a separate meeting area), interactive discussions with the professional audience and by a conference dinner in a relaxed atmosphere.

Participating companies in Charlotte:

Andritz, Autefa Solutions, Brückner Trockentechnik, Dilo Systems + Temafa, Lindauer Dornier, Erhardt+Leimer, Groz-Beckert, HAS Group, Interspare, Karl Mayer, Körting Hannover, Mahlo, A. Monforts Textilmaschinen, Neuenhauser, Oerlikon Manmade Fibers Barmag, Oerlikon Manmade Fibers Neumag, Pleva, Resede Binder, Georg Sahn, Saurer Components branch Hammelburg (Saurer



World Textile News

China Interdye to showcase environment-friendly products

The 17th China International Dye Industry, Pigments and Textile Chemicals Exhibition (China Interdye) and China International Digital Textile Printing, Printing and Dyeing Automatics Exhibition (China Textile Printing), held concurrently in Shanghai from April 12-14. Close to 630 exhibitors from 17 countries will participate in the exhibition. Exhibits were scheduled to include a variety of advanced environmentally-friendly dyestuffs, organic pigments, catalysts, intermediates as well as environmental impact assessment equipment, digital textile printers in addition to printing and dyeing automation technologies and materials. The event is being organised by the China Dyestuff Industry Association, the China Dyeing and Printing Association and China Council for the Promotion of International Trade, Shanghai Sub-Council and co-organised by Shanghai International Exhibition Service Co., Ltd.

The exhibition created a platform for the transformation of the industry while environmentally-friendly technologies become highlights. Huntsman attended the exhibition with its next-generation dye product Avitera Se, which helped downstream companies reduce water and energy consumption. Honghua Digital Technology had launched a low-cost, zero-emission and easy-to-use digital printer. Transfer Innovative-Material has developed a new water-free printing and dyeing process, in a move to promote the development of China's green printing technology. Changzhou Hongda's intelligent control-based high efficiency

steam utilisation technology has been included in the list of China's Key Energy-Saving and Low-Carbon Technologies by the National Development and Reform Commission. All these companies focused on the development of processes and technologies that are friendly to the environment as well as the creation of a platform for the transformation of the printing and dyeing industry.

Interdye Asia provides a stage for the industry to explore the international market. The 7th Interdye Asia will return to Indonesia and be held in Bandung, Indonesia's textile centre, from November 1-3, 2017.

Record Breaking Year For Exhibitors At Techtextil North America

Only 2 more months until the doors open to Techtextil North America 2017 in Chicago, Illinois. The 2017 exhibitor list proves to be the best show held outside of Atlanta yet! With over 151 exhibitors from 17 countries and growing the 2017 show is a record breaking year.

Highlighted below are a sampling of new exhibitors to our show floor.

AG Cilander: Switzerland

Swiss textile finishing and coating company with experience in fashion and technical textiles.

Color Service Srl: Italy

Color Service was founded in 1987 and is the world leader in the production of automatic dosing systems for the textile industry.

to Los Angeles from Hamburg,” he said.

“Ever since, there has been a surge in exports of Iranian carpets to the US.”

Karegar told that Iran’s total exports of carpets over the past 11 months stood at above 5,200 tons in weight and around \$320 million in value.

He said the exports indicated a growth of 16 percent in weight as well as an increase of 27 percent in value compared to the same period last year.

Before the intensification of US-led sanctions against Iran in 2011, the country exported more than \$600 million worth of carpets – mostly to the US - and had serious plans to raise it to \$1 billion in the next year.

In the US, Iranian carpets are offered from \$5,000 to \$200,000 a piece depending on the type of the fabric, design and intricacy employed in their making.

Iran permanent secretariat of Intl. Nano Olympiad

Under a recent international MoU, Iran has been assigned as the permanent secretariat of International Nano Olympiad (INO) and will be responsible for keeping the Olympiad under surveillance in the involved countries.

According to Iran Nanotechnology Initiative Council (INIC), on the sideline of Asia Nano Forum (ANF) meeting, an International MoU was signed over the holding of first INO in Tokyo on 15 February 2017. Representatives from Iran, Russia, South Korea, and Taiwan attended the meeting and declared their readiness to participate in the forthcoming competition. In accordance with this MoU, the first INO will be held on November 2017 in Tehran. After the holding of first International Nano Olympiad Forum in Iran on 17 May 2016 with the presence of representatives from ANF, Iran, Kazakhstan, Malaysia, Russia, South Korea, Taiwan, and Thailand, negotiations were conducted about holding the first INO. According to the decisions taken by the participants, the regulations and MoU were made in Iran. Regulations and MoU also received the official approval after a sequence of negotiations among the participants. The final MoU was signed on the sideline of ANF meeting by Representatives of Iran, Russia, South Korea, and Taiwan in Tokyo on 15 February 2017.

By signing this MoU, the mentioned Representatives officially

declared their presence in the First INO. Other clauses of this agreement are as follows:

- Given Iran’s seven-year-old precedent for holding such competitions at national level, the first INO will be held on November 2017 for 7 to 10 days in Tehran.
- Signatories of this MoU are introduced as the founders of the INO and become committed to hold the INO Steering Committee as the highest authority.
 - The INO will be held alternatively in each of signatories every year.
 - Iran is assigned as the permanent secretariat of Olympiad and will be responsible for keeping the Olympiad under surveillance in the involved countries.

The representatives of Iran, Russia, South Korea, and Taiwan, respectively from Iran Nanotechnology Initiative council (INIC), RusNano and Moscow State University, Korea Nano Technology Research Society (KoNTRS), and Institute of Physics, Academia Sinica were present during the signature of the MoU and declared their official attendance.

China becomes main destination for Iranian carpet

China which had become a rival for the Iranian carpet in the international market, is now one of 10 major importers of Iran’s hand-woven carpets.

Head of Iran’s National Carpet Center Hamid Kargar said that Iran has exported more than 5,243 tons of carpets worth of 321 million dollars to the world markets in the first 11 months of previous Iranian calendar year(ended March 20, 2017).

Up to 80 million dollars of carpets were directly exported to the US, the official added.

He noted that during the sanctions era, in which Tehran was not able to export carpets to the European markets, Iran started exporting carpets to new markets including Brazil, South Africa, Russia and China.

Germany, Italy, Switzerland, France, UK, UAE, Kuwait, Lebanon, Qatar and Japan are traditional importers of Iranian carpet, Kargar added.

He underlined that Iranian merchants attend the Xining carpet exhibition held in Qinghai province as well as Demotix Shanghai Expo every year to introduce Iran made carpets to visitors.

Iran Textile News

Indonesia after nanotech coop. with Iran

Indonesian industry minister has voiced his country's willingness to develop cooperation with Iran over transfer of nanotechnology to Indonesian industries.

Secretary-General of the Iran Nanotechnology Initiative Council (INIC) Saeed Sarkar, heading an Iranian delegation, met with Industry Minister of Indonesia Airlangga Hartarto in Jakarta where the two sides mulled over reinvigoration of ties in nano sector.

The meeting marked a follow up to President Rouhani's last year meeting with his counterpart Joko Widodo who had deemed nanotechnology as a venue for cooperation between the two sides.

Iran's Sarkar presented a report on recent activities and achievements of the Islamic Republic of Iran in the sector. The Indonesian industry minister, while expressing admiration towards rapid pace of Iran's growth in the field of new technologies, said in his future visit to Tehran, he will get more familiar with Iran's experiences in the field of nanotechnology.

He also expressed Indonesia's willingness for cooperation in the field of transferring the technology to Indonesian industries particularly in major industrial realms including pharmaceuticals, agriculture, textile, and automobile.

Later, INIC Secretary Saeed Sarkar stated "one of the goals of Iran Nanotechnology Initiative Council is to help Islamic states and closely collaborate with them for the fast growth in the field of nanotechnology."

He went on to add that "Indonesia not only can be a large market for Iran's nanotechnology products but can also be a good base for joint investments in southeast Asia."

At the end of the meeting, it was decided to hold joint sessions for exchange of technology between knowledge-based companies of Iran and Indonesian industries within next few months.

The Iranian delegation also visited the University of Indonesia, the largest university of the Southeast Asian country, and observed departments related to nanotechnology.

Iran's carpet exports to US at \$80mn

Iran says it has exported \$80 million worth of carpets to the United States over a period of 11 months starting March 21, 2016.

Hamid Karegar, the president of Iran National Carpet Center, told local media that the exports had been mainly carried out directly from Iran to the US.

The boost, he emphasized, came after a multi-year halt in exports to the United States that followed a ban devised by the previous US administration in 2010.

Karegar told that the doors for exports of Iran's carpets to the US market literally opened after the removal of sanctions against the Islamic Republic in January 2016.

"It was a month later that the first consignment of carpets – that had been barred from the US from 2010 – was sent



Left-right weight weight, divided only. 50 x 50 cm, that template is used. On top of the raw parts are placed in this template. Template and the crayon will be drawn into the fabric, the washing machine is thrown. 90 ° c 2 minutes is washed in hygiene program. ~ 2-2.5 hours drying. Measure out the dry part of the width to find the percentage from 50 to 2 with the wreck. Example: width: 42 cm ► $50-42 = 8$, $8 * 2 = -16\%$ width.

We measure the size of the fabric we when it draws the frame. We're doing than 50, 2 of each. Example: height 43 cm. $50-43 = 7$, from drawing ratio $7 * 2 = -14\%$.

Most of the fabric after washing most: complete measure. Tube is 95x2, is open most 210.

Take two of the fabric edge weights weight after washing: 2 divided by single weight.

After washing the square (template) exceeds 50 cm, width, length values, values " + ".

Rotation: we came out of 50 * 50 template after drying T ruler is always the square inside the rest of the uncle. We measure the rest of.

Most of we multiplied by 1.07 after washing. After washing the weight coefficients are multiplied by the coefficient in the schedule.

Elastane Blended To A Good Fabric Production Processes

- Knitting machines voltage should be kept low.
- low voltage must be wrapped around the fabric.
- Fabric wrinkle, roll form resources.
- Fabric rolls on top of one another are heavily stacked and hide addfrom.
- Storage should not be as broken trail.
- should not be more than two months on the same form.
- care should be taken to use knitting machine oil selection.
- against Yellowing, termofikseden high temperature should be avoided.

Considerations In Use Of Elastane

According to the type of yarn you use dealer of elastane spandex. Choose whether you want party elastane yarn on the surface before using. Missing reel, denyesi of all the boxes from the missing kg, right? Otherwise, if the case, before using elastane yarn back to the place.

Choose whether you want party elastane yarns be sure to check the lot number. Because you have when you wake up to use the lot if the difference with elastane, stain problems. Abraj, flexibility may result in errors, such as the difference.

Elastane production technology is very sensitive, elastane yarn which is also sensitive. Knitting machines, elastane yarn must run each of the occurrence of the completeness of the bracket. In particular, it will cause no tension should not interfere. Elastane turns the ignition must be in working order, not necessarily in rollers. The shuttle should not be uçuntu in their mouths.

Sets That Need To Be Considered In Order To Obtain High Quality Fabric

Circular knitting machines and yarn feeding system sets, will be achieved between the quality of the fabric (weight, thickness, etc.) and specify the modifier

Ekrem Hayri Peker
Chemicals Engineer

BRIEF INFORMATION ABOUT KNITTING



In the seventies starting to evolve from a rapid development of knitting industry showed, eighties knitwear fabrics exports textile exports to Google.

Our country is in the production and export of knitted fabrics in the world after China's entering of the field, then the second order. In the light of what we know this information to pursue their dreams again.

Braid?

This carry-over of stitches on top of one another's called fabric mesh fabric consisting of the passing of. The width of the word with a fine mesh fabric and the thickness of the haze fein/Fein is expressed with the word. Braid machines even and odd plate is divided into two groups according to.

Hive

Knitting machine is the basic element of the hive. According to the appropriate needle and sinker to the hive of Fein, channel beds has been opened. Knitting machines; in accordance with the diameter of the needle and in various capacity to Platinum haze Fein arranged in accordance with. Knitting at the Platinum and needle to ensure accurate and smoothness of the Guide pins and Platinum of the channels.

Knitting machine's casing, made of soft metal because of a technicality, is always a special protection of the system and must be kept secret. Single-platter machines, usually due to replacement sleeves are the separation of grain size. If you need to replace the hive should change very carefully. During change, for soft metal, can damage the hive at the slightest impact. A corruption of the original channels; damages, as well as PIN or platine fabric surface causes the formation of steep lines. To correct the error; Pulse field part of the nearest intact channels, you must sort the appropriate needle or Platinum to the fault. In accordance with the failed channel with the help of the blades or channels to open channels to the appropriate channel files must be converted to the format of your own blow with the space portion of the original.

Weight Control how to

The head of the place properly fabrics by approximately 50 cm and weight within 20-25 cm of edges.

Raw Retrieving On Tensile Test

T ruler and 50 * 50 cm is required for the test template. Cut the raw piece about 80 cm. Crude best measured.



ITMA HIGHLIGHTS INNOVATION FOR ITS SECOND BARCELONA EDITION

press
release

ITMA 2019 online space application opens in May

15 March 2017 - ITMA, the world's largest textile and garment technology showcase will continue its focus on innovation for its upcoming edition in Barcelona in June 2019, with the main theme of the show being 'Innovating the World of Textiles'.

Mr Fritz P. Mayer, president of CEMATEX, the European Committee of Textile Machinery Manufacturers, which owns the ITMA exhibition, explained: "The increasingly high level of automation and digitisation in combination with real time data tracking and interconnection has spawned the 4th industrial revolution and the emergence of smart factories. ITMA is a unique showcase of live machinery demonstrations and innovative solutions that boost productivity and profitability.

"For this latest edition of ITMA, we have chosen to focus the industry's attention on innovation which creates a competitive advantage for manufacturers. Sustainable innovation that drives growth for the textile and garment industry will continue to be emphasised at the exhibition."

As many leading textile machinery and raw material manufacturers, and service providers look forward to the exhibition to launch or promote their latest innovations, the organiser of ITMA 2019, ITMA Services, has already been receiving numerous enquiries for participation.

Mr A.E. Roberts, Chairman of ITMA Services, said: "ITMA was last held in Barcelona in 2011. We expect strong response when the exhibition returns to the city after eight years. A host of exciting highlights and knowledge-sharing activities have been planned which give added value to exhibitors and visitors alike."

ITMA 2019 is expected to feature over 1,500 exhibitors from 45 countries spread over 100,000 square metres of net exhibition space. It will be held from 20 to 26 June at Fira de Barcelona, Gran Via venue.

Online space application will open on 4 May 2017. Interested participants can visit www.itma.com to find out more about the show, including the sector allocation plan, exhibition schedule and attractive space rental package. For participation enquiries, please email: application@itma.com.

The last ITMA exhibition, held in Milan in 2015, featured exhibits from the entire textile and garment making value-chain spread over 108,268 square metres of net exhibition space. It drew the participation of 1691 exhibitors from 46 countries and visitorship of almost 123,000 from 147 countries.

About CEMATEX & ITMA

The European Committee of Textile Machinery Manufacturers (CEMATEX) comprises national textile machinery associations from Belgium, France, Germany, Italy, Netherlands, Spain, Sweden, Switzerland and the United Kingdom. It is the owner of ITMA and ITMA ASIA. Considered the 'Olympics' of textile machinery exhibitions, ITMA has a 66-year history of displaying the latest technology for every single work process of textile and garment making. It is held every four years in Europe.

About ITMA Services

Headquartered in Brussels with a subsidiary in Singapore, ITMA Services is the appointed organiser of ITMA 2019 and future ITMA branded exhibitions. It is managed by professionals with extensive experience in organising ITMA and other major trade exhibitions around the world. It aims to maintain and expand ITMA's unique selling proposition and relevance to a global audience.



Neumünster, February 14, 2017 – more than 1.6 million metric tons of BCF carpet yarn are produced worldwide using Oerlikon Neumag BCF plants. Between March 21 and 23, 2017, the experts of the Neumünster-based market leader will be exhibiting their comprehensive technology know-how and efficient solutions in Hall W3, Stand F03 at the Domotex Asia/ Chinafloor in Shanghai.

Manufacturing PA6 BCF yarns more profitably

One information focus will be on manufacturing PA6 BCF yarns. According to PCI Redbook, just under 90,000 metric tons of additional capacity have been installed for the production of melt-dyed and raw white PA6 yarns over the last five years. Oerlikon Neumag's share of these capacities totals approx. 65%. And the trend towards high-end, fine single-titer PA6 BCF yarns continues unabated in China. "Oerlikon Neumag's recent sales success, above all with Chinese companies such as Jiangsu Kaili Carpet and Zhejiang Sitong Chemical Fibre, demonstrates that we are

– with our technology – catering precisely to the challenging demands of carpet yarn producers within this growth market", explains Alfred Czaplinski, BCF Sales Manager. The melt lines, specially optimized for this process, ensure optimum melt quality. A depositing shoe on the texturing unit especially developed for this and a so-called 'V' cooling drum guarantee the highest degree of crimp evenness and quality. And the specially-designed texturing components cater to the very highest demands when it comes to short-pile automotive applications.

High-tech for innovative BCF yarns

And Oerlikon Neumag – as the world market leader – has not only correspondingly further optimized its technologies in the PA6 yarn sector in line with market and customer requirements over the past few years, innovative components and continual process optimization also increase the efficiency of the S+ and Sytec One BCF systems in the case of PP and PET, perfecting the yarn qualities here. The RoTac tangling unit and the Multi Machine Access Center (MMAC) are just two of the many successful examples:

The RoTac tangling unit improves – as a result of tangling knots set at defined distances and thicknesses – not just the appearance of, particularly tricolor, carpets, the pulsating air flow ensures, compared to conventional tangling units, also consumes up to 50% less compressed air. The Multi Machine Access Center is targeted at customers looking for a solution for networked production that is specifically tailored to their requirements. The MMAC permits stationary and mobile monitoring of Oerlikon Neumag BCF systems. Here, the scope of process visualization is oriented on the specific wishes of the customer.

press
release

ITM
2018
I S T A N B U L

14-17 APRIL 2018

www.itm2018.com

PRESS RELEASE

Istanbul April 10, 2017



TRADITIONAL MEETING PLACE FOR THE WORLD TEXTILE TECHNOLOGIES: **ITM 2018**

ITM Exhibitions, whose capacity and participants increase every passing day and flooded by the visitors from Turkey and around the world, is the biggest fair of Turkey and the third biggest of the world.

The sales of ITM 2018 that will be held on 14-17 April 2018 continues at full speed. Following the start of exhibition applications and sales on 20th September 2016, the increasing participation demands coming from the world brands also increased the occupancy rate of the exhibition area up to 80%. While the 3rd hall, in which the yarn machines will be displayed at ITM 2018 Exhibition, the majority of the halls for weaving (2nd hall), printing and digital printing (5th and 6th halls), knitting (7th and 8th halls) and dyeing and finishing (10th, 12th and 14th halls) are almost full as well.

The great interest continues

ITM has become a worldwide brand of today. ITM Exhibitions, whose capacity and participants increase every passing day and flooded by the visitors from Turkey and around the world, is the biggest fair of Turkey and the third biggest of the world. ITM 2016 Exhibition held on 1-4 June 2016 was visited by 49.730 people from Turkey and 76 countries. Having shown participation and visitor increase during each event, ITM Exhibitions continue to increase its success in that direction. The intense participation demand coming from the machine and accessory producers point out that ITM 2018 Exhibition will be the biggest ITM that has been held until today. The fact that 80% of the places were reserved a year before the exhibition shows that a significant increase will take place in terms of both exhibition area and number of participants.