

the outstanding results that can be delivered using digital technology. Benefits include new approaches to design and sampling, the profitable production of short-run and online jobs with minimized setup time, back-shoring of textile manufacturing and greener production.

Egypt allocates LE24 billion to develop textile sector and cotton industry

The Egyptian government has set the total value of a plan to modernize the state-owned textile sector at LE24 billion, which may still increase.

The plan includes modernization of the Cotton and Textile Industries Holding Company and more than 30 other affiliated companies, under the supervision of the Ministry of Public Enterprise Sector.

Head of the Cotton and Textile Industries Holding Company Ahmed Mostafa said that the company has begun evaluating a large number of its land plots, through the government assessment bodies and legitimate channels, in preparation for the sale and to provide the necessary funding to implement the modernization plan for the companies.

In a statement to Al-Masry Al-Youm, Mostafa said that between LE23 and LE24 billion has been allocated for the modernization plan.

He added that the Minister of Public Enterprise Sector Ashraf al-Sharkawy has held meetings with ministers of agriculture and industry to reach an agreement on cotton policies and agriculture that will serve development of the textile industry in general.

"We are in the process of developing the cotton ginning facilities and reducing the number from 25 to 11, to be located in governorates that cultivate cotton. The equipment will be modernized to the highest level of technology and efficiency, with the training of workers, and then the development of spinning and weaving stages," Mostafa said.

He added that these spinning and weaving companies owed debts to several parties headed by the National Investment Bank, the National Organization for Social Insurance and the ministries of Electricity and Petroleum for the consumption of gas.

Mostafa said that land plots owned by these companies will be exchanged for repayment of debts in favor of creditors.

Polartec joins fashion elite at Premiere Vision

Polartec, a premium provider of innovative textile solutions, will be exhibiting at Premiere Vision in Paris for the first time this year. The global trade show for fashion professionals is a major opportunity for the American company to champion tech casual, the company reports.

"The progression of performance fabrics from active wear to athleisure has reached the next stage of evolution – defined as tech casual," said Polartec CEO Gary Smith. "Changes brought about by consumer behavior has led to Polartec taking a fresh approach to product development. Millennials in particular have an expectation from technology which no other generation has ever had."

"We need to build the technology the consumer expects into the fabric. At the same time the fashion component has to be there – it's expected. Today's consumer wants performance apparel that doesn't look like performance apparel."

Polartec believes fabrics need to be enabled so they perform to our expectations without any comfort or fashion sacrificed. "Whether fashion designers want to design garments to keep the wearer safe, dry, cool or warm, Polartec has the answer. That's because of our willingness to work with designers in a collaborative process to create bespoke solutions that offer high performance together with style," continued Smith.

Polartec is a leading technical fabric design and manufacturing company. As the inventor of fleece fabric back in 1981, the company understands the impact innovation can have on the industry. Now Polartec has a portfolio of more than 300 state-of-the-art different fabrics each offering their own unique capabilities.

At Premiere Vision, the company joins hundreds of other brands and manufacturers from six major industries – yarns, fabrics, leather, design, accessories and manufacturing – to showcase its advanced performance textiles.

house show at KARL MAYER (CHINA) in Changzhou will also be held at the same time as the fair, scheduled for 15 to 18 October.

PH garments, textile industry gears up to jumpstart resurgence

The Philippine garments and textile industry is gearing up to jumpstart its resurgence and gain back its reputation as a competitive player in the domestic and international markets with strategic initiatives, projects and partnerships involving key players, manufacturers, stakeholders underway.

The country's garments and textile export sector which used to be a US\$3 billion industry, was once considered a sunrise industry during the 1990s.

The MFA, which prescribed quota allocations in identified textiles and garments that are for export to developed countries from developing countries like the Philippines, India, and Vietnam, was replaced by the Agreement on Textiles and Clothing (ACT) in 1995. The objective of ACT was to integrate the garments and textile sectors and discontinue restrictions in the MFA including quota allocations, leading up to the full adoption of the General Agreement on Tariffs and Trade (GATT) and put an end to the quota system by year 2005.

As a result, garment and textile enterprises in the Philippines which relied on quotas underwent difficulties leading to closure of factories and downsizing. At present, the industry is still seen as one with immense potential that could generate the jobs needed in the country. Despite numerous setbacks, the BOI, the country's lead industry development and primary investment promotion agency, is currently amplifying its initiatives to help the industry rise again. "We focus on securing market access in key export markets such as Japan, Europe, and the United States, to Free Trade Agreements and Preferential Trade Arrangements including the Generalized System of Preferences (GSP), and the GSP+," said Undersecretary Rodolfo.

Data from the Bureau of Labor and Employment Statistics (BLES) show that employment under the textile and garment industry in the country is at 137,000 and 422,000, respectively in 2015. At present, 39% of the industry are composed of

exporters, and 61% are subcontractors, which include small contractors catering to garment exporters, or backyard businesses. Despite difficult conditions, the BOI is hopeful to scale up the industry once more with the roadmap and other initiatives in place.

Kornit Digital Demonstrates State-Of-The-Art Digital Textile Printing at Brazil's Largest Textile Fair Febratex

Kornit Digital has announced that the company's Brazilian sales partners — BG Solucoes Tecnologicas and Silmaq — will participate in Febratex 2018. The show will take place in Blumenau, Brazil, August 21-24.

BG Solucoes (Stand 127, 129) will highlight the benefits of Kornit's Allegro, the company's unique single-step solution for direct-to-fabric printing. With only a couple of minutes from file to finished fabric, the Allegro is a fast and cost-efficient way to print on fabric. It is the only industrial textile printer available on today's market that integrates all production steps in a single, integrated production line, removing the need for complicated pre- and post-treatments such as steaming and washing. That way, textile companies and brands can shorten their time to market, cut intermediators and eliminate inventory cost. BG Solucoes will show the finishing of pre-cut Allegro prints into fashion and home textile pieces, sewing them on site.

Silmaq (Stand 46, 47, 70-80) is going to demonstrate a Kornit Breeze, an industrial entry-level direct-to-garment printing system with cutting-edge technology such as an internal pre-treatment system and real plug & play: The Breeze runs on standard dual-phase power and does not require a compressed air connection. It offers exceptionally low operational production cost and is just one example from Kornit's broad product portfolio which spans all productivity and budgetary levels, from entry-level to high-end production printers, and guarantees high quality, green results with ease of operation.

Fernando Tissnés, Kornit's general manager for Latin America, commented: "Kornit's partner presences at Febratex will enable visitors from the region to learn more about the innovative production processes and

on fabrics but also adding other sourcing options. Extended product categories included digital printing, curtains, furniture leather and carpets & rugs.

Intelligent curtains for smart homes were featured in the theme pavilion of Intelligence, Life and Future. U.S. brand Lutron, France's Somfy group and Shanghai enterprise Jiangsu Mingcheng will demonstrate their advanced systems, including voice control and remote control.

The Carpet Export Promotion Council from India made its debut at the trade fair with a pavilion featuring seven exhibitors which produce hand-knotted wool and silk carpets. Some leading Chinese carpet suppliers had also confirmed their participation in the sector.

User-friendly leather from domestic suppliers in China were also on the floor. ARZ Co Ltd will offer leather products that are water-proof, dirt-resistant and protective from wine and coffee. Hangzhou Pick Textile showed products made with an advanced 3D molding technology that produces fabrics that are abrasion-resistant and free from peeling.

The show took place Aug. 27-30 in the National Exhibition and Convention Center in Shanghai.

MOROCCO FASHION & TEX PRESS RELEASE

Morocco Style - 4th International Fashion, Textile and Accessories Fair opens its gates to thousands of professional visitors on 28 - 31 March 2018 at OFEC, La Foire Internationale de Casablanca.

Morocco Style is an irreproachable opportunity for fashion, textile, accessories, ready-to-wear professionals: Importers, exporters, manufacturers and distributors to weave B2B relationships in this sector which is in constant evolution. This unique fair is organizing by Pyramids Group and co-organizing by AMITH and with the partnership of Atelier Vita.

This fair is seen as a platform for exchange not only at national level but also on an international scale. The 2017 edition was attended by over 300 exhibitors who presented the latest trends in fashion and textiles. The show also recorded the participation 12.443 visitors and 11 countries.

With the remarkable success of the last edition Morocco Style 2018 will be attended by over 350

exhibitors from 7 countries: Morocco, Turkey, China, Pakistan, Taiwan, Portugal, Germany; also it is expected to have 15,000 trade visitors from Morocco and 32 foreign countries from West Africa, North Africa, the Middle East, the Gulf and Europe. This platform enables national and international companies from different industrial sectors to show and promote their skills, to meet partners and to discover the new trends and techniques of the sector. Morocco Style also contributes to the development of Moroccan expertise in the textile sector by consolidating Morocco's competitiveness and making Morocco an international reference and an African regional hub of the sector.

ITMA Asia + CITME 2018 Exhibitor Preview: KARL MAYER

Digitalization and sustainability – the top themes of KARL MAYER's presentation at ITMA ASIA + CITME, 15.–19.10.2018, stand B 11, hall 4, in the National Exhibition and Convention Center in Shanghai KARL MAYER will be presenting its latest innovations at ITMA ASIA + CITME, which will be held from 15 to 19 October 2018. This global player is using its latest developments to tackle the changes taking place in the world today.

"The mega trends of digitalization and sustainability are changing the world as we know it. As an innovative global market leader, we see these changes as an opportunity for our customers. At ITMA ASIA+ CITME, we will be showing our visitors how KARL MAYER is implementing these strategic themes, digitalization and sustainability by delivering integrated solutions offering a wide range of advantages," says KARL MAYER's Managing Director, Arno Gärtner.

KARL MAYER can be found in the Exhibition and Convention Center in Shanghai on stand B 11, hall 4, where a new umbrella brand will be launched, offering innovative digital solutions known as the KARL MAYER Digital Factory, which was introduced last year. A look at KARL MAYER's CLEANER. PRODUCTIONS will also be on the cards. Other highlights include a performance show of the latest generation of machines, a fashion show showcasing decorative, trendsetting fabrics, and a presentation of the Technical Textiles center of excellence. An in-



World Textile News

How Turkey's political and economic outlook can affect apparel companies

Turkey boasts a strong textile and garment manufacturing sector, one that can be attractive for companies seeking new sourcing locations. But serious political and economic factors should be taken into consideration when considering integrating Turkish manufacturers into the supply chain. Turkey can be an attractive location for the manufacturing of apparel and textile goods. It sits at an important juncture between Europe and Asia, straddling political, economic, and geographic lines. Not even 2,200km from Istanbul to Berlin, Turkey's proximity to the European Union (EU), and membership in the EU customs union, serves as one of its most appealing attributes.

The corporate tax rate currently sits at 22%, three percent lower than its two top garment exporting competitors, China and Bangladesh. In an effort to make business and investing in Turkey as attractive as possible, the process has been streamlined so it takes on average not even seven days to start a business in Turkey. Even more, the government has laid out a series of incentives and subsidies targeted at strengthening and expanding the manufacturing industry.

of textile and garment during the country's last fiscal year which ended on July 8, 2018. The earning saw a 46 percent lower than the target set by the government, said the country's State Minister of Industry, Bogale Feleke in a meeting on Thursday in Addis Ababa.

Feleke attributed the lower export performance of the goods to shortage of cotton, lack of trained manpower and social instability that hit most cotton producing regions of the country.

As part of addressing the shortage in the supply of cotton, the state minister said the government has begun implementing the National Cotton Development Strategy to fix the setback effective this month.

This 15-year strategy was launched to significantly boost local cotton production and to put Ethiopia in a position as the top of cotton producing countries in Africa, he said.

Textile and garment sector are considered two of the key industrial sectors, prioritized by the government as major sources of foreign currency earnings to deal with the shortage of foreign currency.

Lack of proper market linkage with reliable buyers remains a major challenge for Ethiopia's textile export sector, the state minister added.

Ethiopia: Annual textile, garment exports fetch \$110m

Ethiopia has earned \$110 million from the export

Intertextile Shanghai Home Textiles looks beyond fabrics

Intertextile Shanghai Home Textiles show was heavy

products, food products and plastic,” said the official.

Pak-Iran trade increases to \$1.3 billion

Iran-Pakistan Federation of Culture and Trade President Khawaja Habibur Rehman said that Iran-Pakistan trade is on an upward trend and it has reached \$1.3 billion from \$600 million over past three years. He said that trade between the two countries would further improve as there are vast opportunities available to enhance bilateral trade ties. Habib said that next government of Pakistan will resume discussions with Iran on Free Trade Agreement as the caretaker government has voiced its inability to hold dialogue on the agreement, IRNA news agency reported. He added that lack of banking channel is hampering trade between the two countries and the issue should be resolved on a prioritized basis. Khawaja Habib Ur Rehman further said that Iran and Pakistan through their close cooperation can change the fate of the region. Pakistan trader stressed upon the need for early completion of Iran-Pakistan (IP) gas pipeline which would help Pakistan to overcome its energy woes. He also called for re-launching passenger train service between Iran and Pakistan to enhance cultural ties. Leaders of Iran and Pakistan have already agreed to take the bilateral trade volume upto \$5 billion in five years.

Tehran set to host 30th national crafts exhibit in August

Craftspeople from every corner of Iran will promote skills in the 30th National Crafts Exhibition, which will open at the Tehran Permanent International Fairground on August 25 and will run until August 31.

The Cultural Heritage, Handicrafts and Tourism Organization has designated halls no. 8, 9, 10, 11 and 25 to host exhibitors from 31 provinces, CHTN reported. “It is the second year that this event is to be held concurrent with the national carpet exhibition, which has brought many fruits for the household predominantly in the handicraft sales,” CHHTO deputy for handicrafts Pouya Mahmoudian said.

The exhibit will feature arrays of personal ornamentation, woodwork, illuminated manuscript, miniature, textile printing, enamel, leatherwork, handwoven textile, calligraphy, traditional musical instrument, metalwork,

and marquetry to name a few.

Over the past couple of years, dozens of high-quality Iranian handicrafts have been honored with UNESCO seals of excellence.

Urmia to host crafts exhibit

A sales exhibition of handicrafts was opened in the northwestern city of Urmia, the capital of West Azarbaijan province.

“Up to the moment craftspeople from 29 provinces [out of 31] had been set to take part in the event, which will be held for the 5th consecutive year,” a provincial cultural heritage official said.

“A total of 140 stands had been designated to this exhibition yet amenities and accommodation for all exhibitors have been taken into consideration,” Afsaneh Ranjbar-Qasemi said.

The official expected the event to be highly welcomed as it was hold concurrently with a tourism fair in the same venue.

Patchworks of Kilim, leatherwork, traditional textile, glasswork, semi-precious stone, personal ornamentation and woodwork were among the very handicrafts to be put on show, at the event which ended on August 24.

Iran's Businesses Begin to Buckle Under Sanctions Threat

New U.S. sanctions are sending an economic shock through Iran even before they take effect.

Since President Donald Trump withdrew the U.S. from the nuclear deal in May, Iran's manufacturers, Persian-rug exporters and shopkeepers have increasingly struggled to make transactions in dollars for imports of needed supplies. Foreign companies are winding down contracts and the threat of sanctions has scared away big foreign banks, many of which paid billions of dollars in fines to U.S. regulators for sanctions violations in the past five years.

Even when Iranian companies can finance an import deal, the weakness of Iran's currency, the rial—down 50% this year compared with the dollar—has made imports so expensive in the local currency that they are cutting production and canceling contracts.



Iran news

Iran Textile News

Persian Garden Carpet on Display at Metropolitan Museum

The Wagner Garden Carpet - a late 17th-century Persian carpet never before seen in the US - is on display at the Metropolitan Museum of Art in New York in a special exhibition titled "Eternal Springtime: A Persian Garden Carpet from the Burrell Collection".

It is on loan from the Burrell Collection Museum in Glasgow, Scotland. The unprecedented loan of the rare textile was possible because renovation work is underway at the Burrell Collection building.

Called the "Wagner Garden Carpet" after a former owner and woven during the Safavid dynasty in Kerman, it is the third-oldest-known Persian garden carpet from the seventeenth century.

The Wagner Garden Carpet is presented at the Metropolitan along with eight other historical carpets from the museum's collection all made in Iran.

Exquisite carpets are on display at the Sharmin and Bijan Mossavar-Rahmani Gallery (Gallery 462), which features masterpieces created during the Safavid dynasty in the 16th and 17th centuries, the museum's website, Metmuseum.org wrote.

In the Wagner carpet, the garden - which depicts springtime - also teems with life. The trees, bushes and shrubs are in bloom; animals (both predators and prey), birds of all types, multicolored butterflies and moths inhabit the landscape. Fishes and ducks populate the water. The shimmering water is cunningly illustrated by a lattice pattern drawn with varied thicknesses of line and color.

Wagner carpet measures 531cm by 432cm and is woven with cotton warps; wool, cotton, and silk wefts; and wool pile. Kerman was a famous hand-made carpet center during the Safavid period and is still a major city where quality carpets and rugs are made.

The carpets are set to remain on show through October 7 at the Metropolitan Museum.

Iran non-oil export to Indonesia soars 86%

Anvar Kamari, the Iranian Commercial Attaché in Indonesia said that Iran's non-oil export to Indonesia has increased 86% by value and 52% in weight.

"In the first quarter of the current Iranian calendar year of 1397, Iran's non-oil export to Indonesia has increased 86% by value and 52% in weight comparing to the corresponding period in the last year," Anvar Kamari, the Iranian Commercial Attaché in Indonesia told the IRNA (the state-owned news agency of Iran) correspondent in Jakarta on Wednesday.

The Iranian official made the remark quoting statistics rolled out by the Islamic Republic of Iran Customs Administration (IRICA).

"According to statistics, while Iran had exported \$134 million worth of goods to Indonesia in the first quarter of the last year the number reached \$250 million worth of goods in the corresponding period in the current year," he recounted.

"The statistics show that in most goods categories we are witnessing growth in export of goods including in base metals, chemical industries, mineral products, textile



The Heart of Textile Sector: **TEXHUB Istanbul**

Yusuf.akbolat@dutygroup.net

TEXHUB Istanbul 2018 “Fabric, Accessories, Yarn, Fibers and Pattern Exhibition” will take place at **Hilton Istanbul Bosphorus Convention & Exhibition Center** for the first time during the dates between **7-9 November 2018**.

This exhibition, which is organized by Tengda Exhibiton Co Ltd., one of China’s most important organization companies and,Duty Exhibition Ltd., which is renowned for its key textile organizatons, will bring leading brands of the industry under one roof.

In this exhibition, where Turkish and foreign participants, including well-known companies from Chinese and the Indian textile industry, and many European participants, especially the UK, will be welcomed, with expectation around of 180 companies will exhibit their newest products in two different halls of 3000 square meters.

Yarnhub 2018, which will be held concurrently with Texhub Istanbul2018 “Fabric, Accessories, Yarn, Fibers and Pattern Exhibition”, will not only welcome Turkish yarn producers but also producers from China, India and Taiwan as well as participants from Pakistan and Indonesia. With this feature, TEXHUB Istanbul 2018will stand out as the most important meeting of Eurasia.

TEXHUB Istanbul 2018, which will be held in Turkey’s commercial and financial center, will provide significant opportunities for new business connections. TEXHUB Istanbul2018aims to provide a significant increase in the trade volume of the industry by bringing the firms to the right buyers.

TEXHUB Istanbul committee will be acceptingParticipants

TEXHUB Istanbul is a comprehensive business platform for exhibiting your superior garment fabrics and accessories. Participants can only be selected after the submitted samples and designs are approved by the committee. The event has unmatched opportunities such as meeting your potential customers, discovering market opportunities on-the-spot, learning about trends of the coming season, and adding value to your business.

TEXHUB Istanbul2018can be visited during the dates between 7-9 November 2018 from 09.30 to 18.00.



The interior designers at Chicago Design Network used Fletco carpet tiles to create connecting zones at the headquarters of HEARN, the well-known Chicago-based real estate company. HEARN, which acquired the office component of the mixed-use John Hancock building, commissioned the team to create a prestigious and contemporary workplace which would adequately reflect the building's world-class status. Together with interior designer Alessandra Branca, they chose the "Zenith" carpet from Fletco,

which combines a bold look with durability and quality, because in heavily frequented areas such as corridors, the floor covering must be highly durable. In the headquarters' cozy lounge, the broad striped carpet with its gray, ochre and beige colors visually ties into the textile surfaces of the bar stools and upholstered furniture.

The geometric pattern blends into the overall design, while simultaneously enlivening it. "The great challenge in owning a classic in business," explains Steve Hearn, President and CEO of HEARN, "is to ensure it maintains its status as a profit center, and never becomes a non-performing museum piece."



The Norwegian architectural firm Snøhetta used hexagonal parquet elements from Townfield Flooring to redesign the Summit Bar on the 21st floor of the Radisson Blu Scandinavia Hotel in Oslo. The color of the natural, vividly grained American Walnut wood blends

harmoniously with the color and materials of the couches and cushions in the floor-hugging seating landscape. Toward the window façade, the floor is raised to offer the best possible view of the city from any seat. The interior designers chose the "Hexagon 580" program due to its strong graphic appeal and the walnut wood's "warm characteristics", said Project Manager Nina Bjerre Andresen, adding that the "centered shape of the non-directional parquet" also made it ideal.

Interior projects like these demonstrate the importance of flooring within the context of holistic concepts in which materials, textures and colors are all connected. At the same time, they provide a vibrant illustration of the lead theme "CREATE'N'CONNECT". Because the floor is a design element, it inspires us, provides us with orientation – and connects us.

DOMOTEX press contact

neumann communication

Stephanie Klein and Isabel Meyer

phone: +49 (0) 221 913949-0

mail: domotex@neumann-communication.de

DOMOTEX team contact

Marketing & Communications

Anna Gerhard

phone: +49 (0) 511 8931603

mail: anna.gerhard@messe.de



Success Stories:

Renowned architects and interior designers create holistic interiors using products made by DOMOTEX exhibitors

“CREATE'N'CONNECT” – the new lead theme for DOMOTEX 2019 – shines a spotlight on the megatrend of connectivity, with particular emphasis on floors, including the myriad design options offered by them. Floors form the basis of the rooms in which we live and work, and preparations for the coming floor coverings show (11–14 January 2019) are already in full swing. While many exhibitors are hard at work optimizing the final details of their latest products, dedicated university teams are working on visionary concepts which will be on display at DOMOTEX 2019, at the special “Framing Trends” showcase in Hall 9. This dedicated display will provide key ideas and inspiration for the floors of the future. Here, flooring exhibitors and companies will demonstrate their creative ideas in connection with the lead theme. Featuring a series of unique presentations and product presentations, the “Framing Trends” showcase will serve as a magnet for visitors and manufacturers alike. As a global communications platform, DOMOTEX allows its exhibitors to network with trend-oriented architects, interior designers and designers in the spirit of “CREATE'N'CONNECT,” resulting in a variety of creative collaborations, as detailed in the following:

The floor as a connective interior design element

The innovative products created by DOMOTEX exhibitors are present in interior design projects all over the world, with renowned international architects and interior designers taking wooden floors, carpet tiles and handmade carpets and using them to create lifestyle-oriented rooms in which floor design becomes the connecting element of an overall interior design concept. Whether at the Canadian Studio Munge, the Chicago Design Network or Snøhetta from Norway: Architects and interior designers are integrating floor designs into their overall creative concept to give interiors that final touch to produce a harmonious whole. Carpets and parquet flooring from the DOMOTEX exhibitors Creative Matters, Fletco and Townfield Flooring are an important component of these trendsetting room presentations – from a hotel lobby in Toronto and offices in Chicago to a bar high above the rooftops of Oslo.

DOMOTEX exhibitors get connected for joint creative interior projects



Canada's Studio Munge has been part of a successful creative partnership with Creative Matters for many years, with numerous joint projects that include furnishing the lobby of the newly reopened Anndore House boutique hotel in downtown Toronto, which has an interior design characterized by Art Déco stylistic elements. The pattern and color of the rugged, handmade carpets consisting of 100% New Zealand wool correspond to the furnishing and wall design to form a unified creative whole. Creative teams from both companies developed the harmonious color gradient and attractive texture of the carpets, whose loops merge into pile cut. An octagonal carpet surrounds the reception table that is centrally located in the lobby. A second leads visually and functionally from the elevator vestibule to the lobby bar. Both are inlaid into the dark terrazzo floor and “tie the entrance's bold forms into a single holistic statement,” says Alessandro Munge, founder of Studio Munge.

DILO GROUP

ENGINEERING FOR NONWOVENS

PRESS RELEASE

August 2018

DiloGroup has opened their sales and service office in India



Germany's DiloGroup, a pioneer in nonwoven textile machinery manufacturing has recently established their own office near Delhi in order to inform the Indian market directly about equipment for nonwovens production and to expand customer service. Dilo has done business for more than 30 years in India. With the establishment of the Gurugram office, Dilo will be in a better position to keep a closer relationship with their Indian customers and ensure prompt assistance for sales and after-sales servicing of their machinery.

Mr. Johann-Philipp Dilo, CEO of the DiloGroup, said, "Since the mid-nineties, there has been an increased demand for nonwovens installations worldwide. Our machines and products have had a long and strong presence in the Indian market already. To augment our strengths in a growing environment, we decided to establish our own operations in India. This will enhance our presence and expand our capacity in a market that has tremendous potential for growth."

DiloGroup comprises four companies namely DiloTemafa (Fibre Opening and Blending solutions) DiloSpinnbau (Carding Technology), DiloMachines (Cross Lapping and Needling Machines) and DiloSystems which provide complete lines for the various nonwoven applications and also project installation services.

Dilo brings a wealth of technological know-how in the field of nonwovens to India. Our tailor-made production lines offer new possibilities for customers to achieve very high throughput even with critical and demanding applications and fibres.

Dilo's technology showcase includes but is not limited to, perfect opening and blending solutions, universal and high capacity carding machines including random card technology and large card working widths exceeding 5 m with high web speeds up to 400 m/min at the winder of e. g. water entanglement lines. In addition, high speed crosslappers as well as universal and high capacity needle looms DI-LOOM are part of the program.

Dilo has brought many innovative solutions to the nonwovens industry and has become a preferred supplier for the production of nonwovens and technical textiles used for example in automobiles, filtration products, geotextiles, synthetic leather, roofing material, domestic and industrial wipes, hygiene products, agricultural products, natural fibre felts for upholstery and bedding applications.



DILO GROUP

ENGINEERING FOR NONWOVENS

PRESS RELEASE

August 2018

DiloGroup at CINTE Techtextil Hall N1, Booth D08



Asia is one of the most important markets for needled nonwovens. For this reason Dilo, leading supplier for needlefelt production lines, will present its products and developments at this year's CINTE Techtextil (hall N1, booth D08).

DiloGroup consists of DiloSpinnbau, DiloTemafa, DiloMachines and DiloSystems and offers machinery for complete production processes. In its 116 years of history, the company has always set new standards in regard to machine performance and efficiency. Innovative technologies like DI-LOUR, DI-LOOP and Hyperpunch have created new markets for the nonwovens industry and have contributed to continuous growth. Examples of recent developments in our machinery are the Hyperlayer, Feeder VRS-P and the DILO Compact Line.

The HyperLayer was designed on the principle of the camelback crosslapper and completely revised. The kinematic solution of this crosslapper transports and lays down the web very precisely and is especially suited for very light webs, layering only few layers. It realizes highest production speeds (web infeed speed up to 200 m/min) at a precise laydown with a minimum of draft.

The new card feeder VRS-P combines the principles of a volumetric, precisely charged feeding with the characteristics of a vibration chute feeder and saves a conventional large trunk. This results in a better and more homogeneous distribution of the flocks and the ceiling height of the building is no more a limiting factor. A vacuumed delivery apron condenses and homogenizes the fibre flock matt. Additional control flaps homogenize the fibre distribution over the working width. On the whole this results in a significantly better flock matt and consequently in a better felt quality.

The Dilo Compact Line (DCL) was first presented 2015 and has since then been successfully used in industry and research. It meets the requirement for the production of small amounts of high quality felts made from special fibres like carbon fibre, ceramic or Teflon. Very interesting topics like the recycling of carbon fibres are already researched on these lines in various projects. With a working width of the compact carding machine of 1.1 m and a layering width of 2.2 m, only 60 m² of space is required for the installation.

We look forward to meeting you in person at CINTE Techtextil to discuss the latest developments and technologies in detail. Meet you in Hall N1, booth No. D08.



latest technology. Offering personalized printing as well as its industrial printing power, makes it much more advantageous. Equipped with 4 to 9 industrial Kyocera print heads, Reflion offers resolutions up to 1200 dpi. The model can reach up to 86m2 production speed per hour, and is enhanced by Piezoelectric inkjet and Grayscale printing technologies.

The machine has a strong structure towards industrial use, offering standard CMYK, Lc, Lm, as well as optional white and varnish ink configurations. The Reflion 3200 supports up to 330 cm of flexible media with a 40 cm roll diameter, vinyl, PET film, blockout, backlit materials and synthetic materials up to 360 kg. The machine provides an environmentally friendly roll to roll process, also takes into account the user's ease of use. In addition to automatic carriage height adjustment to automatically detect the media thickness, it is equipped with anti-static devices to eliminate the bad influence from printing. Print head auto capping system to ensure the life time of the print head and isolated from the air while standby is a significant saving. Thanks to its special system, the LED UV curing system protects the print head from direct curing light and avoids overheating of the media.

Plamac will be the star of Sign İstanbul 2018

Pigment Reklam will launch the Plamac models for the first time in Turkish market at Sign İstanbul 2018, organized in September 20 to 23 at TUYAP Fair and Congress Center. The printers with completely innovative equipment can be seen for the first time in working conditions at the Pigment Reklam booth in Hall 14 No 22 at the exhibition and technical information can be obtained.

You can learn more about Pigment Reklam's rich product range and services from the official website; [http://](http://pigmentreklam.com.tr/)

pigmentreklam.com.tr/

Pigment Reklam

Pigment Reklam was established in 2010 relying on 10 year experience in advertising industry. The company carries on sales and marketing of high tech products and advertising materials requested by the industry. In addition to swissQprint, Plamac and WIT-COLOR UV digital and solvent printers, Pigment Reklam also provides services of printing heads, dyes, spare parts, consumable materials and second hand machine sales, while it has a strong technical service. Pigment Reklam also carries on graphic segment distributorship of leading cutting technologies brand, bullmer.

Offering technical services for global brands including Vutek, HP Scitex, Gandi JetI AGFA, DGI, Seiko, OCE, Durst, Virtu and Infinity with an expert team educated abroad, Pigment Reklam provides certified ink sales and all kinds of spare parts for Spectra, Xaar, Konica, Epson and Seiko heads. At the same time, the company enables to have PANTONE code with ICC Profile manufacturing in obtaining correct colors in printing which is mostly an ignored topic in Turkey. Having a young and innovative vision, Pigment Reklam presents very crucial products for operator and human health to the market.

Contact:

NE FA PR Ajansı
Maltepe Mah. Davutpaşa cad. No 83
Güven İş Merkezi D Blok Kat 2 No 152 Topkapı
Zeytinburnu / İSTANBUL
Office : +90 212 442 24 12
press@nefayayincilik.com
www.nefayayincilik.com





Technical Data Proves Plamac's Superiority in UV Printing

The Plamac brand brings a fresh breath to digital UV printing, and leaves behind its competitors thanks to its productivity, cost savings and print quality. These successful results are displayed through technical data.

Turkish digital printing market's newest brand Plamac's superiority in UV printing does not remain unfulfilled. The technical data shows that it is very advantageous in terms of investment cost, printing cost and technical service compared to its competitors of flatbed and roll to roll models. Offered into Turkish market under the assurance of Pigment Reklam, Plamac models, especially in industrial advertising, appeals to all areas where digital printing is used.

Being the product of more than 15 years of technical research and development, Plamac models stand out as user-friendly as well as with their modular and flexible structures. For example, the Morpho 2513UV flatbed printer offers extremely high precision and reliable printing. It is possible to obtain very high print quality with its CMYK + Lc + Lm + White / Varnish print features. In addition, the roll-to-roll printer Reflion 3200 LED UV is a true industrial grade printer with robust construction.

Morpho 2513: UV printing in photo quality

The Morpho 2513 UV flatbed printer with a print size of 2500 x 1300 mm has 4-9 industrial Ricoh Gen5 print heads. With 8 print heads, the machine has a production speed of 65m² per hour and provides print quality up to 1200 dpi. Morpho's print head has an automatic capping system, automatic height adjustment and individual

color channels for purging. Offering variable droplet sizes from 7 picoliters to 21 picoliters, the machine enables the best photo quality and clarity with grayscale printing technology. Grayscale technology enables 30-50% ink savings compared to competitors when droplets are created.

Many media such as paper, cardboard and cardboard, acrylic, wood, glass, ceramic, metal, leather, PVC, industrial film can be processed with Morpho 2513 UV flatbed. Using CMYK + Lc + Lm + White / Varnish or 4 line printing head for applications, Morpho delivers maximum printing speed. 3 types of special varnish application and three layer printing, color + white + color printing possibility is obtained at the same time. Sixteen types of white printing modes are offered, including bottom, top, and specific dots.

In addition to the user-friendliness and high efficiency of the Morpho 2513, it is also important to use environmentally friendly and human health-friendly LED UV inks. As in all other solutions, the machine, which is sold with the after-sale technical support assurance of Pigment Reklam, uses Aurelon, Caldera and optionally Onyx as RIP software.

Reflion 3200: ideal for industrial or personalized printing

The Reflion 3200 LED UV roll to roll digital printer is one of Plamac's most interesting models on the market, delivering the high speed and print quality demanded by roll-to-roll printing in a single machine with the



segment of wearable devices, called the E-textile or Smart fabrics have changed the way these devices are being worn now. Smart fabrics are one that has biometric sensors, mini computers, circuits or metallic yarns integrated into them. These fabrics can be designed accordingly to meet almost all the basic and the high-end requirements of a sports athlete or any fitness buff.

North America is one of the Prime Markets for the Adoption of Smart Fabrics in Sports and Fitness Segment

In the United States, there is a remarkable future for Smart Fabrics in Sports and Fitness Market. Considering the Sports and Fitness industry, these fabrics are capable of being modified as per the user's needs. It can be water resistant and can measure the chemical composition of the body, monitor heart rate, and also, keep a track of the physical activities as well as local environment. Further, various sports organizations in the United States have made significant investments in the development of advanced fabrics that are incorporated with lightweight sensors, color changing materials and other features. This can be attributed to

new inventions in the Global Smart Fabrics in Sports and Fitness Market.

Key Developments in the Market

- March 2018 – Koninklijke Ten Cate B.V. announced that it has reached an agreement with integrated chemicals and materials group Toray Industries Inc. on the acquisition of TenCate Advanced Composites, a Dutch carbon fiber composite material manufacturer. This acquisition is expected to bring together complementary product offerings in high performance composites serving the aerospace, space, and communications and high-performance industrial markets
- The major players include - AiQ, Eeonyx Corporation, Future-Shape, Interactive Wear AG, Koninklijke Ten Cate NV, Performance Fibers, Nike, Inc., Schoeller Textil AG, Textronics, Novanex, Marktek, Inc., Adidas AG, Toray Industries, Intelligent Clothing, Smartex s.r.l., and Ohmatex ApS, among others.

Reasons to Purchase this Report

- Rapid growth of low-cost smart wireless sensor networks acts as a driver to the smart fabrics for sports and fitness market scenario
- Analyze various perspectives of the market with the help of Porter's five forces analysis
- The product type that is expected to dominate the market is analyzed in detail
- The regions, which are expected to witness fastest growth during the forecast period are analyzed and estimated for growth
- Identify the latest developments, market shares, and strategies employed by the major market players
- 3-month analyst support, along with the Market Estimate sheet (in excel)



Dr. F Nayeb Morad



Smart Fabrics for Sports

The **SMART FABRICS FOR SPORTS** are expected to grow during the forecast period (2018 - 2023). The scope of the report is limited to product types offered by major players, which include Ultra Smart Fabrics, Active Smart Fabrics, and Passive Smart Fabrics.

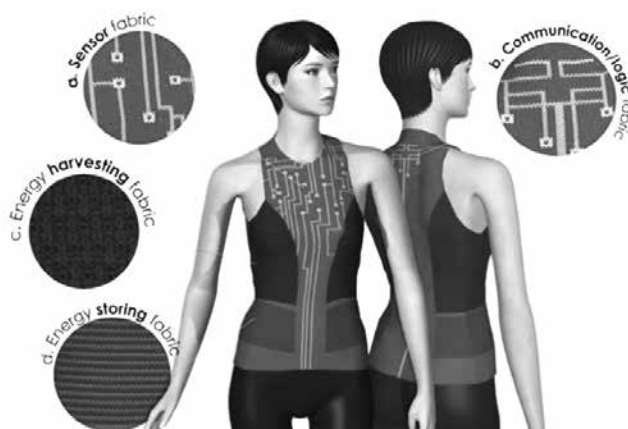
The regions considered in the scope of the report include North America, Europe, Asia-Pacific, Latin America, and Middle East & Africa.

Recent technological advancements in the microelectronics industry have resulted in the development of components down to Nano-scale. This is showing promising growth over the forecast period for Smart Fabrics or textiles in sports and fitness market. Researchers are now evaluating new possibilities to functionalize fabrics or textiles with emerging technologies, to improve the lifestyle of the consumer.

In the recent times, with the advent of smart sensor devices, there has been a growing demand for sophisticated wearable smart gadgets. Noticeably, there has been a rapid growth of low-cost smart wireless storage networks, which has been driving the market. The advancements in Nano-technology and micro-fabrication technologies have enabled

miniaturization process, which makes smart sensors cost-effective and drives future market of smart fabric in fashion and entertainment. The 3-D printing production processes and Nano-materials developed by Nano Dimension have the potential to resolve this challenge and help create an efficient production technology for smart textiles.

There is a huge concentration of organizations that manufacture numerous wearable technology gadgets, from Fitbit's fitness trackers (bands), Nike's FuelBand to other major Sports brand watches, to meet the Sports and Fitness requirements. The new



The Miniaturization of Electronic Components is expected to Increase the Adoption of Smart Fabrics in Sports and Fitness Sector