

the Chinese government's commitment to raising minimum wage rates by an average of 13% per annum during 2011-15.

Early signs of a shift in apparel manufacture have been seen in EU and US clothing import trends.

In 2013 China's share of EU clothing imports from all sources in value terms fell from 41.7% to 40.1%, having fallen sharply in the previous year. China's share of US clothing imports from all sources fell from 37.8% to 37.3%.

In most cases, the companies which are cutting back on having their apparel produced in China are relocating manufacturing processes to other low cost countries -- mostly in Asia.

In fact, the strongest growth in the EU clothing import in 2013 was in imports from Bangladesh, Cambodia and Pakistan, while the strongest growth in the US clothing import market was in imports from Bangladesh, Sri Lanka and Vietnam.

The potential for growth in China's domestic market is huge. Consumer expenditure per head on clothing in China is extremely small -- despite significant expansion in recent years. In 2012 it was only US\$290 in urban areas and just US\$63 in rural areas compared with an average of around US\$1,400 in Germany, the UK and the USA.

If expenditure per head in China were to climb to US\$1,400, then domestic demand for clothing would be US\$1,560 bn per annum greater than it is at present. This additional demand would more than compensate for any likely fall in exports, given that it equates to about nine times China's clothing exports to all destinations in 2013.

It is no surprise therefore, that a number of Western apparel brands and retailers are expanding their retail operations in China in order to capitalise on an expected upsurge in domestic demand.

One of the biggest opportunities in Chinese retailing, however, lies in e-commerce. This is expanding rapidly in the country in the same way that it is expanding in Western markets and Japan. Online stores have already been established in China by Burberry, Cherokee, Coach, Hugo Boss, Kering, Levi's, Neiman Marcus, Uniqlo and Zara, to name only a few.

significantly since the world recession.

The retail sector in South Africa has expanded as a result of an improvement in the distribution of goods and the development of suburban shopping centers, and a stimulation of consumer demand stemming from low interest rates, real wage increases, increases in government subsidies and low inflation.

Much of the required impetus to growth in the retail sector has come from an increase in disposable income and growing affluence among South Africa's black majority -- particularly the emerging black middle class and "buppies", or black up-and-coming professionals.

However, the main beneficiaries of the expansion in retail demand have been foreign suppliers located mainly in Asia and other countries in Sub-Saharan Africa.

In fact, South African clothing imports increased by 53.5% between 2008/09 and 2012/13, from R8, 079 million to R12,399 million (US\$1,457 million).

China, Mauritius and Madagascar were the sources of 99.8% of the growth of imports into South Africa in absolute terms over the four-year period. Imports from China grew by 59.0%, imports from Mauritius soared by 188.9% and imports from Madagascar surged by a staggering 644.7%.

South Africa's domestic clothing industry, on the other hand, has consolidated substantially in recent years as factories have been closed and workers have lost their jobs. At the same time, a number of the larger manufacturers have sought to preserve their market shares by forging financial links or strategic alliances with the major South African retailers.

But in spite of declines in the numbers of clothing factories and employees, output by the clothing industry reached its highest level for at least ten years in 2012, reflecting a sharp rise in labour productivity.

The South African government has recognised that the textile and clothing industry has the potential to become a significant employer within the country's manufacturing sector. Consequently, the government is pursuing policies to stop the decline of the industry and facilitate its growth.

South Africa's textile and clothing industry has benefited the least from growth in the clothing retail sector

Retail demand for clothing in South Africa has expanded

Mustafa Giray Tezel, the TIKA coordinator for Pakistan said after meeting office bearers of the Pakistan Readymade Garments Manufacturers and Exporters Association in the northeastern city of Lahore, local media reported on Sunday.

"Turkey will provide experts to impart training to the Pakistani workforce in order to fulfill the requirements of local industrial textile units especially those engaged in exporting to European countries," said Tezel.

Pakistan's textile sector expects an economic boom after the European Union a few months ago granted access to its products in 27 states. Pakistan is currently facing a shortage of 40,000 skilled workers in the textile sector, which, at present, already employs 360,000 workers.

Demand for antimicrobial fibers, textiles and apparel is set for strong growth

Demand for antimicrobial fibres, textiles and apparel is set for strong growth.

Demand will be spurred primarily by growing awareness among consumers of the importance of personal hygiene and the health risks posed by certain microorganisms.

Also, the promotion of healthier and more physically active lifestyles will buoy demand as consumers look to purchase sportswear and fitness apparel with antimicrobial properties.

Moreover, the greater use of fabrics, particularly cotton, which are prone to harbouring large bacterial colonies will present opportunities for antimicrobial fibres, textiles and apparel.

Between 2013 and 2018, the global market for antimicrobial agents for all end uses, including textiles, is forecast to grow by nearly 12% per annum.

However, there is concern among consumers that some agents used to provide textiles and apparel with antimicrobial properties -- notably silver nanoparticles and triclosan -- are toxic.

Such agents can become dislodged from a textile during laundering and thereby pollute water sources. Also, they can come into contact with the skin and cause skin irritation.

Amid these concerns, manufacturers are stepping up their efforts to develop effective and durable antimicrobial technologies which are less likely to be harmful to human health and the environment and which comply with environmental certifications.

As a result of such developments, antimicrobial products which are likely to record the strongest

gains in sales over the coming years will be those that offer the highest efficacy and durability while posing little or no threat to the safety of consumers or the environment.

Consequently, the market for natural antimicrobial compounds -- although still in its infancy -- is likely to expand given the growing interest in environmentally friendly products among consumers and a tightening of the regulations which govern the use of many common biocides.

Environmentally sustainable antimicrobial technologies have been developed by a number of manufacturers.

Dow Chemical Company has produced a silver-based antimicrobial technology, called Silvadur, which does not release silver particles into the environment. In addition, Silvadur is said to help reduce the amounts of energy and water used by textile processing plants.

In a similar vein, Sanitized has developed a range of antimicrobial products, called Sanitized, which comply with Oeko-Tex Standard 100 -- which certifies that they are free from harmful substances.

Also, Quick-Med Technologies has developed a technology called Stay Fresh, and claims that this is the only hydrogen peroxide based antimicrobial technology approved by the US

Environmental Protection Agency (EPA).

China's clothing retail market is set to soar as the government acts to offset falling export growth

The competitiveness of the Chinese clothing industry is set to weaken over the next few years as costs rise. As a result, export growth could falter.

Rising costs in China are already forcing an increasing number of Western apparel brands and retailers to cut back on their sourcing from China and have their apparel manufactured elsewhere.

In response, the Chinese government is pursuing a policy of encouraging growth in the domestic clothing market in order to take up slack in its manufacturing sector caused by this apparent loss in competitiveness.

The rise in costs in China stems in part from significant increases in fuel costs and shipping costs.

Also, wage rates have risen to the point where they are higher than in many other Asian countries.

Moreover, wage costs are set to increase further, given





world news

World Textile News

ITMA Asia 2014 to focus on energy efficiency

As energy consumption is the main challenge faced by the textile industry in Asia, several companies, from 1,351 textile machinery manufacturers of 27 countries, participating at ITMA Asia + CITME 2014 will be introducing technologies with less energy consumption. Mr. Thomas Waldmann, Managing Director of VDMA Textile Machinery Association, told Fibre2Fashion correspondent Ilin Mathew, "Energy efficiency will be an important focus of the German companies exhibiting at ITMA Asia + CITME 2014 mainly because government regulations in major Asian countries are setting ambitious goals in terms of efficiency and environment." "Furthermore textile producers are confronted with volatile prices for commodities and energy," he adds. In a similar vein, Thomas Elsener, marketing service of Switzerland-based Scharer Schweiter Mettler AG, says, "This year visitors of ITMA Asia will be more focused on energy consumption and high quality products including good services." Talking about the highlights of Germany-based Thies GMBH for ITMA Asia, Christiane Thies, Marketing Department, Thies GmbH & Co. KG, says, "We will be introducing newest yarn dyeing machine which consolidates highest ecological standards with technological intelligence to achieve tremendous savings in water and electricity consumption."

Carlo Rogora, CEO of Italy-based ITEM s.p.a, says, "We will exhibit machines with challenging applications to illustrate unprecedented performance in speed, diversification and energy consumption."

The fourth edition of the ITMA Asia + CITME combined show will be held at Shanghai New International Expo Centre from June 16 - 20, 2014.

The 20th edition of the Istanbul Home Textile Exhibition, "EVTEKS," slated for May 21-25 in Istanbul, was a good opportunity for Moroccan participating companies to establish new promising business contacts and diversify their trading partners.

EVTEKS 2014 allowed the Moroccan textile manufacturers to make various promising business contacts, according to Maroc-Export, which organized the participation of Morocco in this International event in collaboration with the Moroccan Textiles Association (AMITH).

The 20th edition of EVTEKS was an opportunity for participating Moroccan companies to reach new markets in the Middle East (Saudi Arabia, The UAE, Kuwait), Europe (Germany, Turkey) and Africa (Tanzania, Libya, and Algeria), a Maroc-Export official told MAP. It Morocco's second participation in EVTEKS 2014, which brought together over 1,000 exhibitors, and whose previous edition was a resounding success with over 118,413 professional visitors from 20 countries in the Middle East, Europe and Russia.

Turkish experts to train Pakistani textile workers

Turkish experts are going to extend their cooperation to improve Pakistan's value-added textile sector, which makes up 70 percent of the country's nearly \$25 billion exports.

The Turkish International Cooperation Agency (TIKA) will train Pakistani textile workers to improve their skills and expertise with an aim on increasing productions,

year, which ended on March 20, 2014. During the period, the country exported petrochemical products worth \$10.723 billion, registering a rise of 1 percent, compared to the \$10.165 billion worth of petrochemical products exported during the previous calendar year.

Iran exports carpets to 80 countries

Iran exports \$500m worth of hand-woven carpets to 80 countries, said the head of National Iranian Carpet Center. Hamid Kargar also said on Sunday that due to its historical background and well-known brand, Iranian hand-woven carpet is appreciated worldwide.

"Due to their dexterity and perfect designs, Iranian carpets are far better than their international rivals," he said.

The official noted that the import of machine-made and artificial floor coverings has led to a recession in the industry.

"Due to its higher price compared with other machine-made floor coverings, hand-woven carpet is not purchased as before by Iranian families."

The European, East Asian and Persian Gulf states are major importers of Iranian carpets, Kargar said, adding that "about 1 million people are involved in the industry across the country."

Although a huge portion of the industry's raw materials are produced locally, whenever shortage exists, a certain quantity of stock of raw materials is imported, he said.

Morteza Lotfi Afshar, director of Coordination Department of Carpet Management Organization, said Iran has exported 80 percent of its hand-woven carpets to international markets.

"Hand-woven carpet is an absolute advantage (for Iran) and this is the only product in the world where Iran is a leader," he said. Persian rugs are world famous and are highly sought for their intricate designs and skilled craftsmanship.

Iranian President inaugurates Ilam Petrochemical Complex

Iranian President Hassan Rouhani has inaugurated the first phase of Ilam Petrochemical Complex, situated at about 18 kilometres from Ilam city in the Western part of the country.

The petrochemical complex, built on 122-hectare, is one of Iran's big industrial projects. The complex has processing units of ethylene and heavy polyethylene,

as well as sulfur filtering unit and other peripheral services.

Post-inauguration, President Rouhani and his accompanying delegates toured various parts of the new complex.

The Ilam Petrochemical Complex will result in creation of jobs, while producing petrochemical products with more added value by making optimized use of products from gas refineries.

Moreover, Ilam Petrochemical is also expected to boost development of downstream industries in the Chavar region of Ilam Province, and thereby result in economic boom in the region.

In recent years, the Iranian Government has widened the range and volume of its petrochemical products and the petrochemical sector has become the most important industry in the country. The Iranian National Petrochemical Company (NPC) has also grown to become the second-largest manufacturer and exporter of petrochemicals in the Middle East, next only to Saudi Arabia.

In last Iranian calendar year that ended on March 20, 2014, the country produced 40 million tons of petrochemicals, and the production during the current year is expected to increase by about 25 percent to 51 million tons, according to the NPC.

Iranian, Russian Officials Hold Talks on Economic Cooperation

Iran's Ambassador to Moscow Mehdi Sanaei and Russian Deputy Finance Minister Alexei Moiseev emphasized the need to establish joint financial institutions to facilitate bilateral trade and mutual cooperation.

In a meeting in the Russian capital, the two officials urged closer cooperation in banking and insurance fields, and called for further coordination to organize the 11th meeting of the Iran-Russia Joint Economic Commission, which is scheduled to be held in Tehran.

The Iranian diplomat further urged Russia to consider Iran's proposals for two memoranda of understanding (MoUs) on insurance and stock market cooperation.

The Russian official, for his part, said Iran's proposals will be considered and submitted to the joint commission at the earliest.

Trade relations between the two countries has steadily increased in recent years, and includes imports and exports of motor vehicles, fruits, vegetables, glass, textiles, plastics, chemicals, hand-woven carpet, stone and plaster products among the main Iranian non-oil goods exported to Russia.



Iran Textile News

Antibacterial Nanocomposite Produced in Iran's N. Science, Technology Research Institute

This nanocomposite was produced through a simple method and it has high antibacterial properties.

Gamma radiation method was used in the production of the nanocomposite. Simplicity, not being complicated, and the clean mechanism of the process are among the advantages of this method in comparison with other chemical and physical methods for the production of nanoparticles. Among other advantages of this method, mention can be made of the possibility to produce nanostructured particles in homogenous shape, high purity, and narrow size distribution, production of pure metallic elements without the formation of bi-products, and the possibility to carry out the reaction in aqueous media without the use of toxic reductive materials.

According to Dr. A'zam Akhavan, one of the researchers, the release of silver ion at nanometric scale is different from the release of silver ion derivatives. Silver nanoparticles act as a storage tank full of silver ions, and the ions are gradually released in the presence of water and oxygen dissolved in water. As a result, silver ions are released in a controlled manner at a longer period and they preserve their antibacterial properties for a longer time. The results showed that silver nanoparticles are formed within the structure of hydroxyapatite with cubic crystalline structure and mean particle size of less than 50 nm without creating any noticeable change in the chemical structure of hydroxyapatite. Antibacterial test shows that the produced nanocomposites have better antibacterial properties against *E. coli* gram negative bacteria than against *S. aureus* gram positive bacteria. Results of the research have been

published in Radiation Physics and Chemistry, vol. 98, issue 1, January 2014, pp. 46-50.

Iran aims self-sufficiency in petrochemical parts

Iran is aiming at attaining self-sufficiency in production of parts and equipment for its petrochemical plants over the next five years.

Jalil Sobhani, managing director of the Supplying Petrochemical Industries Parts, Equipment and Chemical Engineering Co. (SPEC) said Iranian petrochemical experts and engineers have put in effort to gain self-sufficiency in the field, and Iran plans to supply its petrochemical plants with home-made parts and equipment in the next five years, the report stated. Mr. Sobhani said the SPEC plans to procure all the equipment and necessary parts from the domestic market and to attain self-sufficiency in the sector by relying on Iranian experts in the next five years.

Hossein Shariyari, deputy head for planning and development of the National Petrochemical Company (NPC), said considering the several petrochemical projects which are underway, Iran's petrochemical production is projected to exceed 51 million tons by the end of the current calendar year (which began on March 21, 2014 and will end on March 20, 2015), recording a rise of 25 percent year-on-year.

The planned 51 million tons of petrochemical output is expected to reap Iran some US\$ 35 billion, including \$14 billion through exports, he added.

According to the NPC, over 40 million tons of petrochemical products were manufactured in Iran during last calendar

ITMA AND EDANA SIGN MEMORANDUM OF UNDERSTANDING

AGREEMENT TO COLLABORATE ON NONWOVENS CONFERENCE AT ITMA 2015

14 APRIL 2014, GENEVA – THE INTERNATIONAL ASSOCIATION FOR THE NONWOVENS AND RELATED INDUSTRIES (EDANA) AND MP EXPOSITIONS, THE ORGANISER OF ITMA 2015, HAVE SIGNED A MEMORANDUM OF UNDERSTANDING (MOU), INTENDED TO SUPPORT THE ORGANISATION OF A CONFERENCE ON NONWOVENS DURING ITMA 2015.

MR PIERRE WIERTZ, GENERAL MANAGER OF EDANA, SAID: “FOR MORE THAN 40 YEARS, EDANA HAS SERVED ITS MEMBER COMPANIES THROUGH A NUMBER OF PROGRAMMES AND EVENTS DESIGNED TO BRING THE INDUSTRY TOGETHER. WE SHARE A COMMON OBJECTIVE OF HELPING THE TEXTILE AND, IN OUR CASE, NONWOVEN INDUSTRIES REACH OUT TO A WIDER AUDIENCE THROUGH GREATER INNOVATIONS AND EDUCATION.”

MS EILEEN NG, EXECUTIVE DIRECTOR OF MP EXPOSITIONS, ADDED: “ITMA IS THE WORLD’S LARGEST TEXTILE AND GARMENT TECHNOLOGY EXHIBITION AND IT SHOWCASES THE ENTIRE VALUE CHAIN. SINCE THE INTRODUCTION OF THE FIBRE AND YARN SECTOR AT ITMA 2011, THERE IS A GROWING EMPHASIS ON SOLUTIONS FOR NONWOVENS AND TECHNICAL TEXTILES. VISITORS ARE ABLE TO WITNESS THE INTERACTION OF THE MATERIALS AND CHEMICALS WITH THE MACHINES ON THE SPOT DURING LIVE DEMONSTRATIONS. THE COOPERATION WITH EDANA IS SYNERGISTIC AND BENEFICIAL FOR THE INDUSTRY.”

AMONG THE PROPOSED JOINT EFFORTS OUTLINED IN THE MOU WHICH WAS SIGNED IN GENEVA ON 10 APRIL DURING THE INDEX™ 2014 EXHIBITION IS COLLABORATION ON A NONWOVENS CONFERENCE TO BE HELD AT ITMA 2015 IN MILAN.

LAUDING THE COLLABORATION, MR CHARLES BEAUDUIN, PRESIDENT OF CEMATEX, SAID: “AS THE OWNER OF ITMA, WE WARMLY WELCOME EDANA TO CO-ORGANISE THE NONWOVENS CONFERENCE. MANY OF OUR CEMATEX NATIONAL ASSOCIATION MEMBERS WHO PRODUCE MACHINERY AND RELATED SOLUTIONS FOR THE NONWOVENS SECTOR WILL LOOK FORWARD TO THIS JOINT INITIATIVE.”

DETAILS OF THE NONWOVENS CONFERENCE WILL BE RELEASED AT A LATER DATE. IT WILL BE HELD DURING ITMA 2015 AT FIERA MILANO RHO IN MILAN ITALY. ITMA WILL BE STAGED FROM 12 TO 19 NOVEMBER 2015.

NOTE TO EDITORS: PLEASE DOWNLOAD PHOTO FROM WWW.ITMA.COM/DOWNLOADS/ITMA_EDANA_MOU.JPG

PHOTO CAPTION: FROM LEFT: MS EVELYNE CHOLET, SECRETARY GENERAL OF UCMTF, MR PIERRE WIERTZ, GENERAL MANAGER OF EDANA, MR ANDREW LIN, SENIOR MANAGER OF MP EXPOSITIONS AND MS CORNELIA BUCHWALDER, SECRETARY GENERAL OF SWISSMEM AFTER SIGNING THE MEMORANDUM OF UNDERSTANDING

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 -64YEAR HISTORY OF DISPLAYING THE LATEST IN MACHINERY AND SOFTWARE FOR EVERY SINGLE WORK PROCESS OF TEXTILE MAKING. IT IS HELD EVERY FOUR YEARS IN EUROPE.

ABOUT EDANA

EDANA SERVES MORE THAN 240 COMPANIES ACROSS 36 COUNTRIES IN THE NONWOVENS AND RELATED INDUSTRIES, HELPING ITS MEMBERS DESIGN THEIR FUTURE. THE ASSOCIATION’S MISSION IS TO CREATE THE FOUNDATION FOR SUSTAINABLE GROWTH OF THE NONWOVENS AND RELATED INDUSTRIES THROUGH ACTIVE PROMOTION, EDUCATION AND DIALOGUE. INFORMATION ABOUT UPCOMING EVENTS CAN BE FOUND AT WWW.EDANA.ORG



Another step to improve evenness is the card feeder MultiFeed designed by DiloSpinnbau which is available in working widths up to 5 m. This machine using the "Twinflow" infeed system offers a capacity of over 400 kg/hour/m of working width when processing 1.7 dtex fibres. It thus represents a state-of-the-art feeding solution for direct cards. The use of a "Twinflow" infeed applies the doubling effect for a more homogeneous flock mass flow. The Spinnbau MultiCard provides high production availability due to its easy and fast accessibility for cleaning and maintenance work. It handles the full range of fibre fineness and length with a web speed potential of up to 200 m/min and thus represents an economic solution for cross laid nonwoven production.

Dilo crosslappers provide infeed speeds up to ca. 200 m/min (HL series) and over 160 m/min (DL series). The DL series may be equipped with the Webguide from DiloMachines which also provides web homogeneity at high speeds and therefore results in significant fibre savings. DiloMachines offers a complete range of vertical and horizontal crosslappers, which ensure high layering precision based on excellent web control up to working widths of 16 m.

The sales program of DiloMachines includes the entire range of needlelooms, from single board needling on one side to two boards from each side, plus structuring and patterning specialty looms. Endless felt tubes can be needled and also wide working width belts for papermachine clothing applications. The further development of needlelooms continues. Elliptical and circular needlebeam movements are used to control drafts in the needling zone and to provide high speed felt production especially in the low weight range.

DiloGroup is the premier builder and supplier of complete nonwovens lines made in Germany for staple fibre nonwoven production. Each line is specifically engineered to customer needs. We look forward to discussing your requirements. Please visit us at our booth C01 in hall No. W3.

ITM 2016

WILL BE HELD 4-1 SEPTEMBER
PRESS RELEASE

WWW.ITM2016.COM.TR

THE DATE OF ITM INTERNATIONAL TEXTILE MACHINERY EXHIBITION, WHICH IS HIGHLY ANTICIPATED BY THE TEXTILE WORLD, HAS BEEN DETERMINED. ITM TEXPO EURASIA INTERNATIONAL TEXTILE MACHINERY EXHIBITION WILL BE HELD IN BEYLİKDÜZÜ TÜYAP CONVENTION AND CONGRESS CENTER BETWEEN SEPTEMBER 1ST AND 4TH, 2016. UNITING HUNDREDS OF DOMESTIC AND FOREIGN TEXTILE LEADERS, ITM TEXPO EURASIA INTERNATIONAL TEXTILE MACHINERY EXHIBITION RANKS AMONG THE LEADING EXHIBITIONS OF THE SECTOR. ENTITLED TO RECEIVE AN INTERNATIONAL EXHIBITION CERTIFICATE, ITM TEXPO EURASIA INTERNATIONAL TEXTILE MACHINERY EXHIBITION ALSO HAS A PLACE IN THE WORLD'S TEXTILE EXHIBITIONS CALENDAR WITH ITS FEATURE OF INTERNATIONAL ARENA WHERE CUTTING-EDGE TECHNOLOGIES ARE EXHIBITED.

ÉMAKING VISITOR AND PARTICIPANT RECORDS EVERY YEAR IT IS ORGANIZED, ITM TEXPO EURASIA INTERNATIONAL TEXTILE MACHINERY EXHIBITION WILL OPEN ITS DOORS ON SEPTEMBER 1ST, 2016, WITH THE ATTENDANCE OF GOVERNMENTAL AND SECTORAL AUTHORITIES. HEART OF THE TEXTILE SECTOR WILL BE BEATING ONCE AGAIN IN BEYLİKDÜZÜ TÜYAP CONVENTION AND CONGRESS CENTER. ITM TEXPO EURASIA INTERNATIONAL TEXTILE MACHINERY EXHIBITION WILL WITNESS THE SHOWS OF TEXTILE LEADERS, JUST LIKE THE PREVIOUS YEARS. THUS, TURKEY WILL BE THE SUBJECT OF CONVERSATIONS AGAIN IN COUNTRIES WITH ACTIVE SECTORS, OWING TO THIS IMPORTANT EVENT. WE WANTED TO SHARE OUR EXCITEMENT ABOUT THE FACT THAT THE DATE OF ITM TEXPO EURASIA INTERNATIONAL TEXTILE MACHINERY EXHIBITION HAS BEEN DETERMINED WITH SPECIALISTS IN THIS FIELD. YOU CAN FIND THE PRE-REGISTRATION FORM FOR ITM TEXPO EURASIA 2016 AT WWW.ITM2016.COM.TR.

DILO GROUP

ENGINEERING FOR NONWOVENS

PRESS RELEASE

April 2014-aw

DiloGroup at ITMA Asia + CITME 2014 Shanghai, PR China – June 16 – 20, 2014 Booth No. C01, Hall W3

The ITMA Asia + CITME 2014 held in Shanghai from June 16 – 20, 2014 is an excellent opportunity for the DiloGroup to present its portfolio of equipment and services to the nonwovens industry.

DiloGroup will provide extensive information about production lines made in Germany and recent machine concepts from the DiloGroup companies DiloTemafa, DiloSpinnbau and DiloMachines. A major focus of the new equipment is to improve operation efficiency, web quality and uniformity with positive effects on all staple fibre bonding processes. All these elements are part of the "Dilo – Isomation Process" and aim at an even web mass for reduced fibre consumption as raw material is the biggest cost factor in textile production.

One machine contributing to this process is the dosing opener DON manufactured by DiloTemafa which includes a fine opening stage. It delivers the fibrous material continuously and homogeneously to the card feeder.



Dilo needling lines

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DILOGROUP

ENGINEERING FOR NONWOVENS

PRESS RELEASE

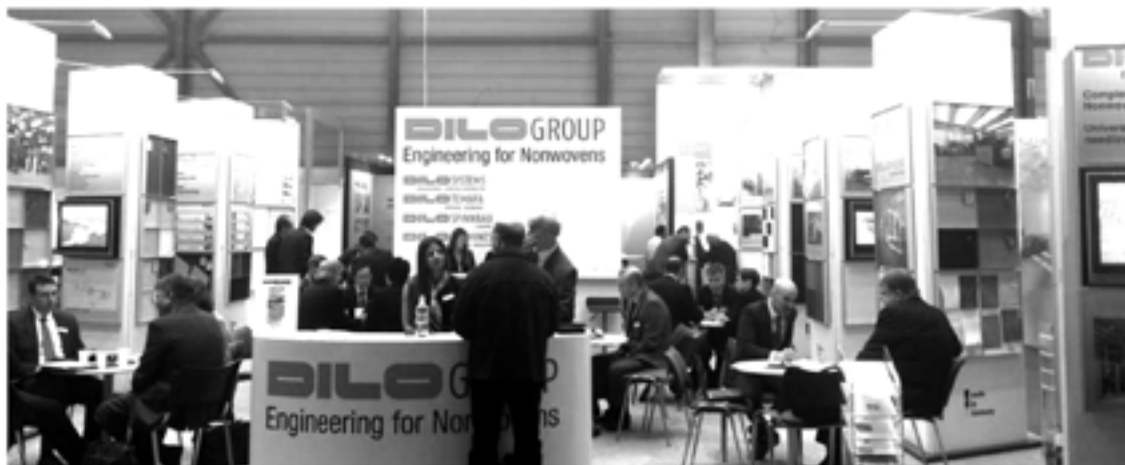
April 14
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Successful INDEX 14 for the DiloGroup

From April 8 to 11 INDEX took place in Geneva as a forum for the nonwovens industry. Nonwovens producers, raw material suppliers and machine manufacturers came together to present and see latest developments and trends.

The DiloGroup - DiloTemafa, DiloSpinnbau and DiloMachines – provided widespread information about numerous applications of nonwovens showing various products. The staff in Geneva enjoyed meeting customers and interested parties for discussions about new applications and production methods of nonwovens.

Although INDEX focus is mainly on disposables, nonwovens are used as durables as well. Dilo engineers lines for the production of different nonwovens in all application areas and offer them as turnkey installations. Either domestic or technical textiles can be produced. Possible application areas are floor coverings, automotive linings, geotextiles, filter media, synthetic leather or natural fibre felts. Furthermore, we offer installations for the production of disposables, which are used in cosmetics, medicine and hygiene.



The Dilo booth in Geneva

DiloGroup has already delivered more than 260 complete production lines to the nonwovens industry and thus has the necessary know-how to design the optimum installation for the desired final product. Continuous product development and application research work in our textile centres support and ensure sustainable production lines. Being a strong partner for the nonwovens industry, we achieve maximum throughput of the projected installations with highest machine efficiency and product quality. The excellent quality of our worldwide service is well known.

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