



mance characteristics of the exceptional high-performance washing machine.

In order to remove all chemicals from the fabric and render it pH-neutral and free of residues (as required in the specification), the two final compartments house the neutralisation stage with automatic pH-control and a final rinsing bath. As the products of Junkers & Müllers are predominantly synthetic products, vacuum suction systems are used both in the front section (for liquor separation) and before the final squeezer (for high-performance drainage).

Inductive dosing lines ensure that the auxiliary chemicals used are metered in milliliter accuracy. This pinpoint accuracy not only protects the environment, but is also beneficial in terms of the variable costs.



In order to improve the efficiency with which water is used, the roller vats can be run also with a reduced liquor volume - in this case the required washing liquor is reduced by almost a half.

With the aid of a sufficiently high number of rotary sieve filters, insoluble contamination and lint is directly removed from the system. An intelligent particle guidance system also ensures that solid particles collect at a point from where they can be removed quickly and efficiently via spray pipes into the liquor discharge. As a result, extended periods of downtime while the machine is being cleaned can be avoided.

As well as the number of meters of fabric which have passed through, the "brain" of these components (with digital closed-loop drive control and process control) also measures the consumption of electric energy, water, steam, chemicals and compressed air. A centrally networked recipe database not only saves all of the machine and process parameters, but also the name of the machine operator, the weight of the woven fabric, the production time and all error logs. When it becomes necessary to upload a software update to the PLC, this can be done effortlessly via the Internet using the Telelink interface. Junkers & Müllers have gained the following experiences with the new high-performance washing plant:

"Installation of the plant was completed in June 2009, allowing the commission-

ing process to start on-time before the end of June 2009. The aim of the project was to drastically reduce consumption data and therefore also costs by introducing an intelligent control technology with integrated consumption data indication.

Since the new system was taken into operation, there have been no defects in terms of the required washing results, as a result of which it has been possible to completely eliminate the original defect quota of the old open width washing plant, which was primarily caused by the poor washing activity of the outdated washing compartments, which no longer represented the state of the art. In this case, the stated goal of reducing the defect quota by half was far exceeded.

During the commissioning process, numerous trial production runs were set up in conjunction with the chemical industry. Modifications were made to the recipes, which were optimised on the basis of the consumption documentation and the washing results, and as a result the targeted reduction of consumption data (fresh water, chemicals, energy) was also far exceeded. Thanks to the intelligent database structure which is integrated in the plant, it has now become possible to produce a wide range of very different products with varying fabric weights - always using exactly the same quantities of water per kilo of fabric weight, with type-compliant and excellent washing results.

At the same time, a workplace environment was created in the implementation phase which is optimally designed in terms of safety and ergonomic aspects."



BENNINGER

Junkers & Müllers: Environmentally Friendly Washing - A Field Report

At the start of 2009, the technical textiles specialist from the Lower Rhine region invested in a new high-performance washing range from Benninger AG. With the aid of integrated consumption data indication and intelligent control technology, waste water and energy efficiency can be greatly optimised.

The concepts of the 'water footprint' and the 'carbon footprint' have long since arrived in textile manufacturing plants. While the subject of waste water has long been established as the Achilles' heel of wet finishing, today it is becoming more and more important to consider this subject within the wider context of the full production process. The focus here is on process optimisation, which is mapped via intelligent data management. The result: transparent sub-steps which can be individually adapted to varying situations and conditions. Solving such complex challenges is only possible with close cooperation between the customer and the supplier. In this article, we take a look at how such a project needs to be implemented; both in terms of the sequence of steps required and in terms of what needs to be covered in each step.

At the start of any good project is a well-conceived requirements specification. This is the same here: everything needs to be considered, including all of the production-relevant parameters ranging from the processes, products and characteristic features, via production safety and automation, preparation/dosing, cleaning and efficiency to closed-loop

control parameters and ease of servicing/repairs. Of course, this already raises the bar quite considerably.

From the point of view of the machine constructor, the advantage is that all tasks are clearly outlined, and the dialogue with the relevant contact persons takes place at the same level. On the other hand, the customer can relax in the knowledge that every single point will be meticulously worked through and optimised in the best possible way for the given production parameters (portfolio, space availability, surrounding area/environment). In this case, the following processes are to be implemented in the washing machine:

- Washing after cold bleaching
- Washing of watersoluble size
- Washing of non-water soluble size
- Reductive cleaning after disperse printing
- Washing of burnt-out articles

The plant must satisfy the currently valid European Machinery Directive and must therefore meet the highest standards applicable anywhere in the world. In addition, there are a number of additional standards and safety regulations which need to be met: the Machinery Directive (9. GÜSGV), the Equipment and Product Safety Act (GPSG), the Industrial Health and Safety Ordinance (BetrSichV), as well as Directive 2006/42/EC of the European Parliament and the European Council dated 17.05.2006 on machinery, which is also an amendment of Directive

95/16/EC.

Key issues like "crease-free fabric guidance", "low-tension fabric transport", "no lateral drifting of the fabric" and "reproducible processes" all correspond to the current state of the art, and corresponding solutions are implemented in every Benninger plant.

The large number of different chemicals at the front end of the plant enables the customer to apply the optimum quantity of auxiliary materials at exactly the right point according to his portfolio. The special fabric guidance in the first compartment and the required low distance between the rollers counteract the potential risk of creasing. At the same time, the first two compartments with a fabric capacity significantly in excess of 60 m offer sufficient treatment time to allow even more challenging application processes to be successfully implemented. The next step focuses on the process of washing. In order to achieve consistent washing results at varying production speeds (10–60 m/min), TurboFlush technology is employed at this stage. The exceptional washing performance - irrespective of the speed is one of the many key criteria of this washing machine developed by Küsters.

Thanks to the short distances between the guide rollers, the exceptional mechanical washing performance has no negative effects whatsoever on the fabric tension; efficient recirculation with more than 500 l of liquor per minute completes the perfor-



Marzoli: 'Solutions Not Illusions'

In the 160 years of history since its inception, MARZOLI SPA has aimed at becoming a model for technological advancement in the textile machinery industry, giving substance to a new paradigm of innovation capable of serving as a foundation for the growth of the textile industry in various Countries.

At the risk of sounding haughty, we believe that Marzoli has succeeded as confirmed by the marketplace and our customers. Supported by these considerations, Marzoli's mission continues on.

We believe we have reached our best with our current equipment line, which has been completely technologically updated and will be showcased at ITMA in Barcelona.

The Olympics of textile machinery ITMA Fair is also known as the "International Show of machinery and textile".

It takes place every four years, and this year it will be hosted in Barcelona, Spain, from the 22nd to the 29th



of September 2011.

Illustrating and explaining all technical advancements introduced with the machines of the new "Marzoli made in Italy" spinning line would entail writing hundreds of pages, which would not be sufficient to give a complete picture of the technological innovation levels that Marzoli has attained.

This goal was reached thanks to the team of engineers and technologists who work and experiment on the most sophisticated solutions in Marzoli's laboratories. Therefore, to demonstrate the innovative details of our equipment, we have decided to bring all the following machines to the trade show:

- new opening line with the addition of three machines equipped with revolutionary cotton opening systems, such as B390L, B380L, and B450L;
- new C701 card with production up to 200 Kg/hr;
- new drawing frame DF1 and DFR1 at 1100 meters/minute;
- new superlap LW3 at 200 meters/minute;

- new CM7 comber at 600 nips/minute;
- new FT6, FT7, FT6D, and FT7D roving frames with new spindle drive systems;
- new MDS1 spinning frame with 1824 spindles.

Visiting the trade show will give you an opportunity to touch the Marzoli spinning line evolution with your hands and to have in depth discussions about:



- performance of equipment;
- quality of sliver and yarn produced;
- conservation of raw materials;
- energy conservation.

Cristoforo Marzoli founded Marzoli in 1851 in Palazzolo sull'Oglio, in the Italian province of Brescia.

In a small garage he began producing guns, then buttons, paper and later spare parts for the spinning of silk, cotton, linen and hemp.

Not long afterwards, the founder and his sons - in particular Francesco - developed the small factory into a proper foundry and started the specific production of textile machinery.



Years of experience in manufacturing a wide variety of travellers and benefiting from new insights in various manufacturing processes make it possible to introduce a J-shaped traveller, with an attractively improved price-performance ratio. This even for mills where frequent count changes require frequent traveller changes.

Bräcker will also exhibit the proven accessories such as

- ORBIT spinning rings and the relevant travellers
 - PYRIT and ZIRKON travellers for especially demanding applications
 - Cost saving tools such as the Bräcker RAPID for easy and time saving insertion of travellers
 - The well known and appreciated range of Berkol-Cots and Aprons
 - The leading BERKOL Cot grinding and -maintenance machines, including the BERKOLIZER unit
- More than 30 Million BRÄCKER TITAN spinning rings have been sold to successful spinning mills around the world. Founded in 1835 as a family business, Bräcker AG soon developed as a specialist for key products in the textile industry. With the expansion to France in 1951, the foundation stone was laid for successful international development.



Klüber to address needs of textile manufacturers

Klüber Lubrication, one of the leading speciality lubricants suppliers worldwide, will be presenting lubrication solutions for higher productivity and lower operating costs at the ITMA 2011. From high-performance needle and sinker oils meeting the special needs of the knitting industry and high-performance bearing greases that resist even the aggressive media used in textile finishing to synthetic compressor oils allowing energy cost savings - at Klüber Lubrication, visitors to the ITMA will find all kinds of tribological solutions for applications in the textile sector.

They will learn how they can extend maintenance intervals, reduce energy consumption and attain a better operational reliability of the individual components. Furthermore, the international stand team of Klüber Lubrication will present a comprehensive range of services ranging from application consulting, development partnerships and analyses of used lubricants and components to customer training regarding proper lubrication.

At the ITMA, Klüber Lubrication will be addressing the needs of textile manufacturers as well as machine and component OEMs. Its expertise in both sectors enables Klüber Lubrication to act as an interface to the field of lubrication and provide solutions for optimized textile



machine operation.

The experience of the lubrication specialist is also of high value for the OEMs' development activities. Customers from the production sector, on the other hand, benefit from the fact that the lubricants made by Klüber Lubrication are tailored to the requirements of each individual machine, are used for initial lubrication by many OEMs and are therefore often officially approved and recommended by them.

Klüber Lubrication is one of the world's leading manufacturers of speciality lubricants, offering high-end tribological solutions to virtually all industries and markets worldwide. Most products are developed and made to specific customer requirements. During its more than 80 years of existence, Klüber Lubrication has provided high-quality lubricants, thorough consultation and extensive services, which has earned it an excellent reputation in the market. The company holds all common industrial certifications and operates a test bay hardly rivalled in the lubricants industry.

Klüber Lubrication, set up as a retail company for mineral oil products in Munich in 1929, is today part of Freudenberg Chemical Specialities KG, a Business Unit of the Freudenberg Group, Weinheim. In 2010, Klüber Lubrication had approximately 1800 employees in more than 30 countries.

**Bräcker**

Bräcker to present new development in cots

Since the last ITMA in Munich, Bräcker has seen a growing interest in spinning compact yarns throughout the entire spinning industry. At the same time the demands on the quality of the ring spun yarns continue to go up all the time, while ring spinning machines are operated even faster without allowing any compromise on yarn quality. These developments are putting challenging demands on the quality of all the accessories such as rings, travellers, cots and aprons.

30 Million TITAN Spinning Rings

Bräcker has been able to maintain its leadership position in spinning rings with our TITAN ring, of which so far 30 Mio pieces have been sold to successful spinning mills around the world.

Our continuous efforts in developing new travellers, responding to the new requirements, have been successful and we constantly continue to introduce new travellers to optimize productivity and efficiency of the most modern ringspinning machines.

Bräcker will present a new development in cots.

J-shaped Steel Traveller for long staple application

represents a constantly increasing expenditure.

Consideration has also to be given to the cost factor, for example, for discharging the cleaned/recycled exhaust air into the atmosphere.

Heat recovery as standard

As part of Monforts ongoing effort to reduce energy consumption in the textile industry, its integrated heat recovery system is today fitted as standard on all new Montex stenters.

The system comprises a compact, air-to-air heat exchanger, which is installed within the roof structure of the stenter. The heat exchanger uses energy from the exhaust gas to preheat up to 60% of the incoming fresh air entering the stenter.

Depending on production conditions, this provides energy savings of 10-35% and a typical payback period of around just 12 months.

Featuring large diameter vertical tubes, the heat exchanger requires very little maintenance with extended service depending on production cycles and fabrics being processed.

Energy Towers

Monforts 'stand alone' Energy Tower has been introduced for retrofitting to existing stenters or hotflues with restricted access above the units.

Designed to be positioned alongside the stenter or hotflue it features five integrated heat recovery modules.

Capitalising on the high temperature of the exhaust air, fresh air passing through the heat recovery system is heated and ensures savings of up to 30% in energy

costs to be achieved.

New Eco-applicator

A new improved soft coating solution provides a significant energy savings with reduced drying times.

Additionally it can also eliminate the need for a conventional wet-on-wet padder. The new process uses trough and roller techniques and applies just the required amount of liquid/coating to the fabric via contact with the roller.

It has been designed for three options – to apply a liquid/coating to one side of the fabric; to apply a liquid to both sides of the fabric; or to apply a liquid to one side of the fabric and a different liquid to the other side.

Hi-E High Efficiency

Additionally, focusing on increasing productivity and innovative processes has also provided additional customer benefits.

Endorsing Monforts commitment to providing the textile industry with the lowest energy consumption together with improved levels of efficiency and production, the company has introduced its hi-E Efficiency Lifecycle Management package of energy saving benefits.

In a bid to reduce the energy costs, Monforts has introduced its hi-E package of benefits which includes: Monformatic Plus Control; Top-S padder roller; TwinAir airflow; CADstream nozzle system; Conticlean automatic fluff cleaning; fan motors with Effl classification; and its energy saving Lift-O-Matic doors.

Orizio: knitting the fu- ture by choosing innovation

Orizio's new motto, "Knitting the future" emphasizes Orizio's concept of using innovation and technology in order to satisfy its customers. During ITMA, Orizio will have on display the latest machine models.

ITMA 2011 to be held from 22nd to 29th September Orizio will be located in Hall 3.

A wide range of circular knitting machines will be shown on the ORIZIO SRL stand including the new-born single jersey JHFP for sinkerless fabrics, the super versatile electronic jacquard, Jersey strippers, the fine gauge interlock and the super productive single jersey high speed JH/V.

Introduced this year, the JHFP/LC model is a one track single jersey machine for the production of jersey, jersey-elastane yarn and piqué for optimized sinkerless fabrics. Equipped with the performing Orizio LC electronic takedown with electronic cutter, pneumatic roll expulsion and a brand new control system with touch screen, the JHFP is a feather in Orizio's cap. High speed and super production are the key words used to describe two jersey machines. One machine produces a perfect two colours striping



fabric and the other produces a top quality jersey fabric. The 96 feeds JB2E is designed for jersey and jersey based two colours striped fabrics up to 4 cam tracks with up to 512 Mb standard memory capacity. The JH/V in 32" diameter, 28 gauge and 102 feeds can knit plain jersey and jersey with elastane yarn on 1 cam track and speeds up to 45 rpm.

Also on the stand at ITMA, in Orizio's finer gauge range, will be the MJMBF2 electronic jacquard with strippers machine in 32 gauge. For an extra quality interlock fabric the CI/C machine is now redesigned and available in super fine 40 gauge".



Monforts



Monforts (Stand C106, Hall 6) will be highlighting its complete product range with machines for finishing, dyeing and sanforising at ITMA 2011 with special emphasis on energy saving solutions covering an area of almost 500m².

Special emphasis will be given to energy saving solutions and environmental protection.

Ever increasing costs of utilities including water, gas and electricity plus the rising price of commodities such as cotton are forcing textile producers to seek energy savings in a bid to maintain margins.

Against this background of irreversible high costs for primary energy, Monforts as a market leader in manufacturing dyeing and finishing machines for woven and knit fabrics, is committed to reducing energy consumption by its customers. With energy representing more than 60% of the total costs of a thermal system over a period of 10 years, it

ing medical textiles where the latest GAMP standards are applicable.

The new model incorporates enhanced data options making on-line quality analysis possible within client's own infrastructure. In addition a new style of efficient anti-vibration mounts is being introduced, further enhancing the proven stability associated with the units.

For higher production applications the Rollaweigh feed control system, which has become a virtual standard in many dry-laid nonwoven plants internationally, provides volumetric continuous control at unlimited production rates.

The Rollaweigh 8+ series incorporates a reduction in overall tare weight whilst at the same time enhancing structural stability, and taking advantage of the company's new mounting system.

Data options are increased with seamless integration with the Mill Wizard system, which manages production data from a virtually unlimited range of sources within the client's production plant.

The system is modular allowing cost effective initial capital investment whereby clients only pay for what they need, with upgrade modules allowing additional input sources at a later date without the cost of modified mainframe infrastructure.

The new hardware and touch screen options have also been adopted within Garnett's blending and fibre lubrication systems.



Mecmor Compact

Santoni Group of Italy has named several innovations which it proposes to showcase at this year's ITMA 2011 to be held in Barcelona.

The innovations that the company has announced include a completely new circular sweater knitting machine, named the Mecmor Compact.

The new edition of famous Mecmor open-width garment length knitwear or sweater knitting machine is more compact, economical and has better flexibility than previous versions of Mecmor.

The new version is also more flexible in the sense that the knit and transfer systems have now been merged.

As shared by the Group's Marketing Manager, Patrick Silva, their world-famous Mecmor open panel circular knitting machine, which is identified as most accomplished knitwear machine in circular motion, has now been redesigned into a new small-sized model called the 'Compact'.

While the new version includes most of the positive features of big model,

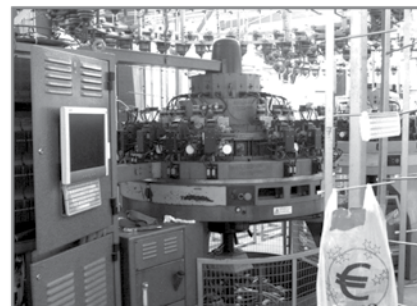
it also possess some key new features like the ability to increase production as the feeds are no more segregated as those machines specialised in knit stitches or transfer stitches have.

Each of the feed in the new model is totally inbuilt and can accordingly be adjusted as per the selection, Silva said.

The company has always supported the belief that production of circular knitwear is an essential compliment for flatbed knitting and hence a knitting mill should comprise of both kinds, more so because the circular system certainly has remarkably high productivity in churning out fine quality fabrics, Silva said.

He further added that the compact design of the new model with most advanced electronic management, and its reduced investment cost has made production of circular knitwear production easier while retaining all the circular benefits of excellent stitch quality and best productivity, particularly in finer gauges.

At ITMA 2011, Santoni would display its 18 gauge Mecmor Compact machine in 33 inch diameter.



Alpaca United



Alpaca United, the textile fiber company representing North American Alpaca breeders and processors, is excited to announce its attendance and booth location at the ITMA show in Barcelona, Spain.

ITMA (International Exhibition of Textile Machinery) is the largest international machinery and textile conference and trade event in the world. This exhibition is held every four years and is recognized as the "Olympics" of the global industry. For the first time in the show's history, ITMA organizers have decided to include an extended natural fiber and yarn section in Hall 5. Alpaca United is excited to be part of this enhanced natural fiber exhibit and will be presenting the best North America has to offer in Alpaca fiber, yarn, and fabric at stand A129 in Hall 5.

Nick Hahn, CEO of Alpaca United, states, "This is the first time the

North American Alpaca fiber industry has organized an exhibit outside of the United States and Alpaca United is proud to represent the industry in this prestigious global event."

Alpaca United extends an invitation to all attendees to stop by the booth and learn more about our fiber and the AU initiative. We'll have United States Alpaca farmers and a processing technician on site to answer any questions.

Alpaca United is the textile fiber company created and funded by the North American Alpaca farmers and processors to make Alpaca fiber more competitive in world markets.

The company manages market-building activities designed to add value to the fiber and increase demand through branding and consumer education in the luxury end of the apparel and home textile markets as well as industrial end uses.



Garnett to feature latest textile retrofit control system at ITMA

Garnett Controls Ltd (UK) will launch their new generation retrofit control systems for textile machinery aimed at replacing traditional inefficient drive systems with economic, easy to use, and expandable systems.

Utilising the latest in touch screen technology which Garnett pioneered in the retrofit carding sector, the new range of panels are targeted at the company's principal area of activity, carding, spinning and nonwovens, as well as an increasingly wider spectrum of applications both inside and outside the textile sector.

Reduction of energy consumption within a plant is a key attribute of the new Garnett-e-Controls system with a number of recent installations returning high savings.

A launch of the latest generation of fibre weight control systems will compliment the new operator control interfaces in Barcelona.

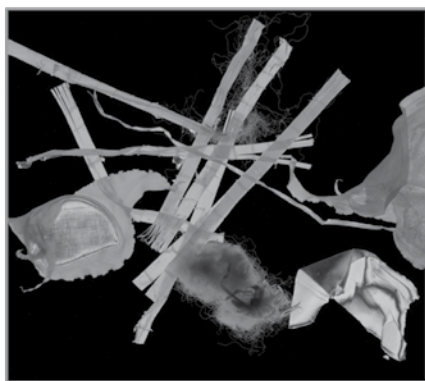
The new Microweigh XL8+ is the most accurate and advanced card feeding system for carding and technical nonwoven applications includ-



as well as for colour cameras they are difficult to distinguish from a cotton tuft. However, additional UV lighting makes these parts visible to the camera. This method utilizes the effect of fluorescence. In UV light, these parts appear light blue.

3. P module

Transparent and semitransparent parts, like foil pieces, present another problem. Sensors, designed for the detection of colours are not able to identify transparent parts. The Trützschler P module works with polarised light. The special lighting unit and an additional camera with polarising filter allow a reliable detection of even small foil pieces. Unlike colour detection with incident light, the P module uses transmitted light. Separation of the foreign parts is as important as the detection. Here a special nozzle beam with 48 x 3 nozzles is applied. Each of the 48 separation points works with three small nozzles. They produce a clearly defined air jet. Speed sensors measure the speed of the tuft flow and the foreign parts, thus allowing an extremely short air blast at exactly the right moment. This saves expensive compressed air and prevents unnecessary fibre loss.



Foreign parts in polarised light

New Trützschler Card TC 11 to take centre stage in ITMA

Trützschler Spinning introduces a newly developed card in Barcelona, the TC 11. Card development is an ongoing process with Trützschler. New findings and ideas are immediately integrated in the current production. However, traditionally a larger step is taken on the occasion of the ITMA in Europe by introducing a new card type with clearly improved production and quality parameters. In Barcelona, this will be the Trützschler Card TC 11.

The new Trützschler Card TC 11 stands for low capital expenditures and low production costs. This was made possible by a larger carding area and unprecedented accuracy. The result is a 30 – 40% increase in productivity.

Naturally, the established roll diameters of the predecessor machines have been adopted. The same applies to the cross-section of the carding elements and flats.

The capital expenditures for the cards, the building and the filter system are lowered. Increased card production means fewer cards. This results in a reduction of capital expenditures. Therefore, the performance per square meter building area increases. This means lower investments for new buildings. Or it allows a carding capacity increase in the same space by replacing the cards.

Operating costs are reduced due to lower capital costs, lower power consumption and smaller filter systems. The specific power consumption is at the

lowest level. With the TC 11, savings of approx. 20% electrical energy for each kilogram carded sliver are realised. This adds up to 2,000.- to 4,000.- € Euro per card and year. The filter system is also more compact and uses smaller fans. Thus, it uses less electrical energy.

The machine has been completely new designed. It takes just one look at the structural design to reveal the new concept. The card frame supports only the drum directly. Our experience with the Trützschler Setting Optimisation System T-Con has led to a new way of attaching the preopening roller and the doffer. Thus, thermally induced changes to settings are reduced. The sensor and software based T-Con system is of course also an integral part of the Card TC 11.

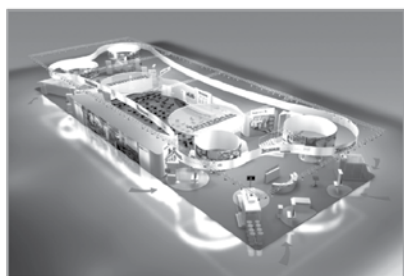
During development it quickly became obvious that the required accuracy cannot be achieved with conventional flats. Therefore, the Trützschler MAGNOTOP system is exclusively used for the TC 11.

In addition to increased production, these measures also result in a quality improvement. Never before was card sliver cleaner, free of neps and uniform.

The man-made fibre card TC 11-S was simultaneously developed with the TC 11. This machine is equipped with special clothings and features one needled licker-in with increased diameter. All fibre-carrying elements are made of stainless steel.

The Trützschler Group presents itself on one stand

The 1100 m² Trützschler stand is located in hall 2 in the transitional space between the spinning and nonwovens area. There the three Trützschler Business Units SPINNING, CARD CLOTHING and NONWOVENS (formerly Erko and Fleissner) introduce their new machines and processes. New developments to increase efficiency and save energy take the centre stage.



Graphic design of ITMA booth

The exhibition concept allows comprehensive and convenient information on all products of the three areas.

In addition to the classic topics of the three areas, the subject of man-made fibre production installations and carbon fibre technology will be presented as well.

The advantages of the joint and tight knit global Trützschler Service Network with all its options will be introduced in Barcelona. In this case, advice

TRÜTZSCHLER



and optimisation of existing machines and installations take priority.

TRÜTZSCHLER		
SPINNING	NONWOVENS	CARD CLOTHING
<ul style="list-style-type: none"> Fibre Preparation Bale Opening Blending Cleaning/Opening Foreign Matter Separation Unclotting Carding Drawing 	<ul style="list-style-type: none"> MAN-MADE FIBERS Staple Fiber Precursor Lines Carbon Fiber Lines 	<ul style="list-style-type: none"> Metallic Wires Spinning Nonwovens/Long staple Open End Flat Tops Fillets Carding Segments Service Machines Service 24

www.truetzschler.com

Group graph

Optimised foreign fibre separation by combining sensors

A variety of sensors is available for foreign parts detection in the blow room. All sensors have strengths and weaknesses. There is no sensor that can detect all foreign parts. For this reason, three different sensor modules with corresponding lighting units are in use simultaneously in the new Trützschler Foreign Part Separator SECUROP SP-FPU.



SP-FPU in a spinning mill

1. Colour module

The Trützschler colour module features the latest generation of cameras. Two 3-CCD cameras scan the tuft flow from both sides. The cameras work together with lighting units with neutral light. Unlike simple colour sensors, the cameras can see everything the human eye perceives.

2. UV module

Cotton often contains non-transparent white parts from packaging. For the eye



ning of the Sytec One. With the new S+ an efficiency of 99 percent and a significant speed increase has been realised.

The new innovation in BCF technology S+ will be presented and exhibited in detail at ITMA 2011, at the Oerlikon booth D 131 in hall 2.

New Dimensions in Staple Fiber Production

With its proven technology in polyester staple fiber and more than 25 established production lines of 200 tons per day capacity, Oerlikon Neumag has taken the next step in increasing the capacity. The 300 tons per day line generates various scale advantages as reduced operation costs.

At ITMA 2011, Oerlikon Neumag will be showing the new 300 tons per day polyester staple fiber production line in life-size using virtual reality technology. Experience the one - to - one dimension of a plant with the worldwide highest installed capacity in a single line. It is based on the unique design as well as superior material and manufacturing quality of Oerlikon Neumag draw frames. The 300 tons per day line is equipped

with Oerlikon Neumags newly developed core components. The latest crimper Baltic 860 with a width of 860mm and the new cutter NMC 1400 with a diameter of 1400mm enhance the high capacity PSF production.

Moreover, Oerlikon Neumag will be showing a vision to further increase production capacities per line and gain economies of scale. In addition Oerlikon Neumag will present its well - known portfolio of Inline staple fiber lines for the production of fibers for nonwoven applications. The small capacity lines up to 80 tons per day typically produce geotextile fibers or fibers from recycled PET. All this is presented at the Oerlikon Neumag booth in a spectacular 3D cinema.

Airlaid. Carding. Spunbond.

Oerlikon Neumag will be presenting their complete nonwoven technology portfolio which includes the Spunbond, the Meltblown, the Airlaid and the Carding Technology. Besides the traditional machine supply Oerlikon Neumag offers customised solutions consisting of different web forming processes.

In Spunmelt Oerlikon Neumag is focusing on their spinning competence and therefore will be presenting besides a running spunmelt line a plant walk in life size with virtual reality technology. Oerlikon



Neumags advantages in spinning a wide range of alternative polymers such as PLA and PET have been further strengthened by constant development efforts in the pilot line in Neumünster. In Meltblown the development efforts are focused on fine denier material for high quality filtration products. In Carding technology one focus will be the new Stylus needle loom. This new machine is a smart combination of the traditional Fehrer needle punching technology with the innovative Varilptic drive modules. Equipped with i-point needle patterns Stylus will improve the quality of the web significantly. With Oerlikon Neumags superior carding technology a wide range of nonwoven material can be processed. In the pilot line in Linz new products are developed which help customers to enter the markets with new products much quicker. Latest examples come from carbon, PTFE and PP/glass layered products. Furthermore Oerlikon Neumag optimises correlation of fibre properties from varied staple fibre settings with nonwoven properties i.e. in geotextile applications.

fancy yarns, textiles for technical applications, and special fabrics for outerwear.

Featuring the application of newly engineered solutions aimed at maximizing production efficiency and flexibility.

Increased possibilities in a broadened range of patterns thanks to the CTJ/420 model, featuring a jacquard device and 14 weft bars.

New electronic double needle bed warp knitting machines, in working widths from 80 to 120 cm, specifically designed for the production of technical articles, fabrics, ribbons and bands.



New entirely electronic and jacquard weaving needle looms, featuring high performance in speed and productivity, capable of producing a broad range of unique ribbons and bands, with exclusive patterns and finishings.

Along with the numerous COMEZ accessory machines on display (warpers, winders, twistors, machines for manufacturing cords, "chainette cords" and gimp yarns), an all-new folding ma-



chine model will be presented for narrow fabrics, an ideal and practical solution that is specially designed to meet the packaging needs of many manufacturers.

Software programs for programming patterns, on all types of COMEZ machinery and needle looms.

Application of a new "simulation" software function for crochet and double needle bed machines.

With 90% of its turnover generated by exports, COMEZ boasts tens of thousands of its machines installed in five continents the world over.

Thanks to the support of dozens of retail agents and the presence of subsidiaries in the U.S.A.

CANADA, the P.R. of CHINA and MEXICO, COMEZ guarantees its global customers efficient, prompt and thorough after sales service.

ITMA - the International Exhibition of Textile Machinery - has been held every four years since 1951.

It is the world's largest international textile and garment machinery exhibition, an event which is owned by CEMATEX. ITMA is recognised as the Olympics of the textile and garment machinery industry.

oerlikon
neumag

Oerlikon Neumag's



With around 65 percent market share Oerlikon Neumag is the first supplier of advanced BCF carpet yarn machines. With continuous development efforts Oerlikon Neumag focuses on improvements on the machines, the components and the processes. This knowledge is applied in new solutions for an improved performance in BCF.

Oerlikon Neumag stands for competence in BCF

The new S+ is a 3- end BCF machine which combines the advantages of the S5, S3 and the Sytec One. Reliable, well known components, such as the godets and the texturizing are taken from the S5 and united with the process improvements, for example the straight yarn spin-



SSM

SSM at ITMA in Barcelona, Spain, 22 - 29 September 2011, Hall 1 / Booth A122. 5 new product launches and a total of 9 machines will be showed. Over 1'000 visitors are expected at the SSM-booth during the show.

SSM announces their participation of the forthcoming ITMA in Barcelona, Spain, from September 22nd to 29th. ITMA, the International Exhibition of Textile Machinery, has been held every four years since 1951.

This year it is celebrating 60 years of innovation as the world's largest international textile and garment machinery exhibition.

The Swiss based SSM Schärer Schweiter Mettler AG, the inventor of the electronic yarn traverse system, will continue their tradition of trend-setting with the presentation of breakthrough technologies.

The focus of the show will be the exhibition of new solutions for cost effective winding and yarn processing. With 5 new product launches and a number of new innovations & applications for their well known product range, SSM will exhibit a total of 9 machines.



Machines for the following applications will be on display:

- Dyeing/Rewinding with NEW market introductions
- Assembly Winding
- Air Texturing with NEW market introductions
- Draw Winding with NEW market introductions
- Yarn Singeing with NEW market introductions
- Sewing Thread

As the market leader in these fields, SSM enjoys an excellent reputation. Further more SSM maintains a worldwide service network, that ensures the training of their customers staff and the maximum return on customers investment.

SSM is expecting more than a 1'000 visitors on their booth. They look forward to stimulating and interesting discussions concerning open projects or their latest equipment.

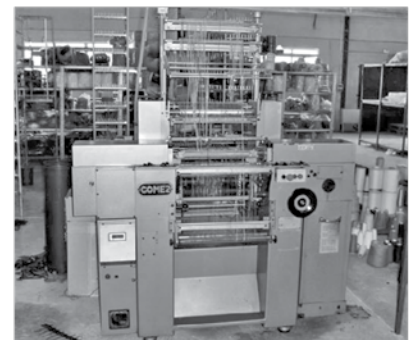


COMEZ



COMEZ will be present at ITMA 2011 from September 22-29, 2011 at Barcelona, Spain, with important innovations and new and renewed machine models from its broad range of machinery for the production of narrow fabrics, highlighting the excellence of its technology.

New mechanical and electronic models of crochet knitting machines, a technology in which we are world leaders, developed for many applications: narrow fabrics (lace, ribbons, bands) for underwear, passementerie,



PICANOL

Picanol

Techtextil is the first major event this year where the technological capabilities of the company can be seen. Later this year, ITMA will be held in Barcelona where the capabilities of Picanol can be seen on machines in operation. Techtextil is therefore an excellent opportunity to discuss market opportunities that are presenting themselves now the economy is back on its feet.

Companies venturing into new markets particularly appreciate the excellent performance for their upcoming investments when choosing Picanol. As for services, our local staff are accustomed to new developments, so that consulting and installation of machines for more demanding fabrics does not pose any difficulties. As a frontrunner in innovation when it comes to textile machinery, Picanol dedicates 30% of its product management capacity to technical textiles. An equal part of the R&D effort is devoted to novelty applications. New developments that serve real customer requirements can be brought to market very rapidly. Since last Techtextil, Picanol has developed technically advanced solutions in fields such as tire cord, conveyor belts, canvas, industrial glass, monofilaments, one-piece-woven airbags, para-aramides, awnings, spinaker, medical textiles, coating fabrics, high-speed leno weaving, car seats etc. Picanol always pays attention to user-friendliness and modularity. So customers are not left floundering when market requirements change. Both major platforms — OMNIplus 800 airjet and OptiMax flexible rapier — are designed for the mid and high-end market segments, such as technical textiles. With Picanol, you start to win.

RIETER

Rieter: More Productivity And Lower Energy Consumption — The New Automatic R 60 Rotor Spinning Machine

The R 60 is a further development with emphasis on productivity and flexibility. Its advantages originate from the new S60 spinning unit with unique spinning geometry and a robot with an accelerated cycle. The result is a high level of efficiency for a wide range of applications. Rieter will present the new R 60 rotor spinning machine at the ITMA in Barcelona.

Higher productivity with the new S 60 spinning unit

The novel arrangement of nozzle and TWISTstop in the innovative S 60 spinning unit increases the spinning stability and thereby reduces the number of ends down. The improved spinning stability allows a productivity increase per spinning position of up to 5%. The modular robot construction results in a further speed increase of 10%. A complete doffing and piecing cycle is now finished in only 22 sec. Set-up times have been reduced to the absolute minimum by the newly designed TWISTunit. Individual drives for the feed cylinder improve the AEROpiecing® technology for yarn-like piecings by their direct and immediate control of the sliver feed. The R 60 can have up to 540 rotors. This results in a productivity increase of 8% compared

to the previously longest machine - the forerunner model R 40.

Reduced energy consumption and easy operation

The energy consumption of the new machine generation, depending on the application, has been further reduced by 5% compared to the R 40. The operator interface with a large, graphic color display with touch screen provides clear information on the machine status and allows easy setting. The entire concept aims at short idle times and thereby a high availability of the machine.

Independent sides give flexibility

A new option for the R 60 makes it possible to spin different lots independently on each machine side. In addition, the R 60 can be equipped with VARIO spin for the production of fancy yarns. This integrated option has been developed together with the specialist, Amsler, and utilizes the exceptional abilities of the individual drives for the feed. A retrofit can also be easily carried out.

Wide field of application for rotor yarns

The experience acquired by Rieter shows that rotor spinning is particularly suitable for standard yarns. Its strengths lie in the raw material with shorter staple lengths in the coarser count range up to Ne 30 (Nm 50). Unique with Rieter rotor yarns is the AEROpiecing® technology that guarantees yarn-like piecers. For this reason, Rieter rotor yarns, ComfoRo yarns, are near-faultless. This is a great advantage for downstream processing and this, together with the low energy and operator requirements in the spinning process are decisive factors for the high economic efficiency of rotor spinning.



NSC

NSC nonwoven designs, builds and supplies turnkey nonwoven lines for needlepunching, spunlacing, thermobonding, air-through bonding and chemical bonding. NSC nonwoven is a worldwide, major supplier of Excelle® & Axxess cards, crosslappers, drafters, needlelooms, high speed Monomatic® winders and slitters-rewinders.

At the ITMA show, NSC nonwoven is releasing its latest innovations: the "T.T Excelle® card" and the ACS system. The T.T Excelle® card technology is a revolution in its performance and consistent reliability: it provides the ability to obtain MD/CD strength ratios under 3/1, even at high production speeds at over 250 m/min. In addition, Bonding Index values are improved. This good news opens new market opportunities to the wipes and ADL industries but also to many more nonwoven industries for all kinds of applications.

Available on new Asselin® crosslappers, the ACS drastically boosts the whole nonwoven production line productivity, even with literally no draft (difference of speeds) between the card and crosslappers infed speed.

Oerlikon Barmag's Highlights

The Oerlikon Barmag's highlight at the ITMA 2011 in Barcelona will be the new automatic eAFK texturing machine. The eAFK unites the proven technologies from the eFK, AFK and MPS series with the flexibility of a new modular machine structure.

The automatic machine also caters to the market's high quality requirements even in terms of standard products, as – very much in keeping with the "no-touch" principle – there is absolutely no manual contact with the packages. Furthermore, the packages all have the same winding lengths, so that further processing of the yarns is considerably more cost-effective and higher prices can be achieved for the textured yarn.

The higher product yield – the result of the automatic doffing – significantly improves the efficiency and the productivity of the eAFK. In addition to this, the lower HR requirements of the automatic machine reduce costs – particularly important when considering the rising labor costs and the noticeable shortage of qualified employees even in China. The machine



is also suitable for fully-automatic removal transport of the finished DTY packages and therefore – if desired – for further plant automation. To this end, the eAFK is proving itself to be a further milestone in competitive and economic texturing.

Special yarns are the challenge of the future

A further focus topic in Barcelona will be high-performance fibers for special applications. The Chemnitz-based subsidiary of the market leader for filament machines and systems is presenting an automatic multi-filament winder for high-tenacity special yarns. For yarn manufacturers, this new development means a considerable reduction in energy consumption and space coupled with significantly lower investment and maintenance costs.

**KARL MAYER**

KARL MAYER Malimo's new Wefttronic® RS- A machine with wide appeal

KARL MAYER Malimo's development work is continuing to focus on weft-insertion warp knitting machines. Following the improvements made to the HKS MSU S high-speed tricot machines with parallel weft insertion at the end of last year, a completely revamped machine platform is to be unveiled to coincide with the ITMA exhibition. This totally new basic concept bears the tradename, Wefttronic® *, and is being implemented systematically on every weft-insertion warp knitting machine. An RS MSU S warp knitting machine with parallel weft insertion has set things in motion, and will be shown at KARL MAYER (China) Ltd. in Wujin to coincide with the ITMA ASIA+CITME exhibition.

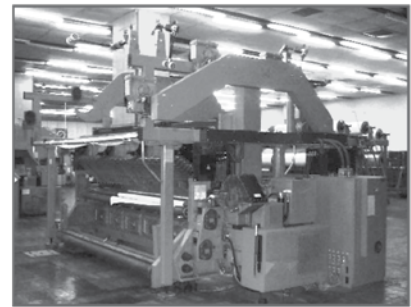
This high-tech production machine will be demonstrating its capabilities to an audience of mainly Chinese visitors during the machine presentation in Wujin, and will definitely impress them with a level of efficiency that is unparalleled anywhere in the world. The working width of the new Wefttronic® RS is 600 mm larger than its predecessor, although the speed is the



same. Increasing the width to 268" means that fabrics having widths of up to 6,800 mm can now be produced but, above all, the square metre production rate is considerably higher.

The technical principles behind this considerable increase in performance are a number of innovations that are all harmonised with each other, one of which is the all-important weft insertion system, which has been fundamentally re-engineered. A much-improved weft chain has been fitted on both sides of the unit that forms the heart of the machine, which comprises the transfer station, the yarn-laying carriage and the yarn take-off device from the creel, and its mode of operation has also been improved using sophisticated technology.

In addition to improving the machine's efficiency, the user friendliness was also at the centre of the further development work. The design of the new Wefttronic® RS allows easy access to all the main components, and assembly is simplified by dividing up the entire machine into component groups that are all harmonised with each other. Rapid integration into the manufacturing process saves assembly costs and reduces the amortisation period.



The Wefttronic® RS, with all its new technical features, will be available as of the ITMA ASIA+CITME 2010 fair. Another model with a working width of 138" will be available by the end of this year on the same machine platform. This new machine, with even more improved features, will be available to view for the first time at the ITMA 2011 fair in Barcelona.

KARL MAYER Malimo is expecting that there will be a high demand for its improved generation of weft-insertion warp knitting machines. 'The working width and productivity of our latest new development are unparalleled anywhere in the world. With this system, we will set new standards in terms of efficiency and applications, especially on the rapidly growing market of backing and coating substrates,' explained Axel Wintermeyer, who is head of sales at KARL MAYER Malimo.



mogeneous, reproducible and migration-free dyeing of flat fabric over the length and the width for short and for long batches. The BRÜCKNER POWER-COLORTHERM hotflue dryer stands for an absolutely symmetrical large-volume air circulation system that provides for uniform dyeing. The large roller diameter and the flexible individual drives of all upper rollers ensure a crease-free, low-tension fabric passage. The POWER-INFRATHERM infrared dryer stands for maximum productivity and reproducibility. Thanks to the trapezoid shape and staggered arrangement of the burner elements the formation of stripes is prevented and a perfect overlapping of the radiation over the complete width is guaranteed.



Figure 3: POWER-COLORTHERM / INFRATHERM Pad-Dry / Thermosol lines ensure an optimum dyeing and a crease-free fabric passage

Innovative technologies for the non-wovens industry

BRÜCKNER's range of products in the field of bonding and finishing of geo-nonwovens as well as nonwovens for the filtration of liquid or gaseous media, pyrotechnical and paramilitary

protection clothes, compound materials in the automotive sector, nonwovens used in the hygienic or the medical sector, fulfils the highest requirements.

The POWER-THERM DT double-belt oven for nonwovens is characterized by its very high flexibility regarding the range of application requiring at the same time a minimum of energy and very short preparation times. Measurements confirm energy savings of up to one third and two-digit productivity increases compared to other systems. In addition, the customers are very satisfied with the low susceptibility to fouling and the very good accessibility.

Finishing lines for coatings

BRÜCKNER does not only supply coating units that can be used in a great variety of applications and dryers which are tailor-made for the specific purpose but also the adequate consulting and technological competency. For the production of canvas or the finishing of parachute silk, for sailing cloth, sun shades, work protections, blackout or airbags - BRÜCKNER is your competent and appropriate partner. This adds to our experiences in the finishing of knitted fabric and nonwovens which can be functionalised effectively and with low costs now on one of our lines: be it for sports wear, geotextiles or other technical textiles. Benefit of our experiences and discuss with us the possibilities to modify also your old systems for coating applications.



Dystar-New Online Monitoring System for Indigo Coloration

The DyStar Colours Deutschland GmbH, Frankfurt, the Becatron AG, Müllheim, Switzerland, and the Lilienweiß GmbH, Remshalden, have jointly developed a new online monitoring system for indigo coloration.

The system, which is based on a new technology, detects, adjusts and documents data of critical process parameter online during indigo coloration, such as concentrations of dyestuff and reducing agents as well as pH values. The system will be firstly presented to a broader professional audience in September 2011 during ITMA in Barcelona.

"Here, the technology leaders for indigo, for its use on dyeing plants as well as for automatization and analysis technologies have joined forces. The result of their co-development offers indigo users a further improvement of quality and RFT (right first time) rate. Therewith, it helps reducing costs and increasing competitiveness", says Günther Widler, Head of Technology Denim at DyStar.

ABOUT BECATRON (ITMA Hall 4 / Booth B135)

The Becatron AG, located in Müllheim, Switzerland, has been active in the textile industry worldwide since 1980. The company stands for quality and high-tech products in the areas of control systems (hardware and software), sensors and dosing facilities for finishing factories.

BRÜCKNER presents the latest High- Tech Technolo- gies on ITMA ASIA 2010

In the market of textiles and technical textiles BRÜCKNER stands for high-quality, tailor-made finishing systems "Made in Germany". In the last years BRÜCKNER invested systematically to optimize the energy efficiency and productivity of their lines and the impressive results will be presented this year on ITMA ASIA in hall W5, booth D12.

Energy saving systems

The efficient use of natural resources and sustainability are issues the textile industry has to face, too. The technologically mature products of the BRÜCKNER group comprise also heat recovery systems (ECO-HEAT) and exhaust air cleaning systems (ECO-AIR). The purpose of the ECO-HEAT product family is first of all to save energy. To achieve this target, the energy potential of the polluted exhaust air is used to heat fresh air and/or fresh water via heat exchangers. Depending on the process it is possible to save up to 35 % of the energy and thus the production costs are significantly reduced. According to our experiences the investment costs pay back within very short time. The ECO-AIR product spectrum comprises electrostatic precipitators,

BRÜCKNER

scrubber systems and spray condensers, which can be combined with each other depending on the requirements. BRÜCKNER offers for this field a wide range of services such as reviewing the exhaust air situation, establishing a functional specification or analysing the energy potential. Consult our experienced technologists!

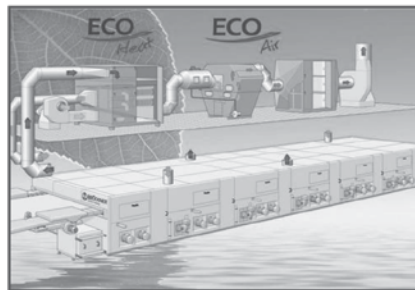


Figure 1: Save hard cash with BRÜCKNER energy saving systems

The latest stenter generation

The latest POWER-FRAME stenter generation has been developed with innovative ideas by the best technologists. The stenter meets the highest performance and quality requirements with a minimum of energy consumption.

The investment in a BRÜCKNER POWER-FRAME stenter brings you many benefits such as:

- the best drying performance due to the patented SPLIT-FLOW air circulation system
- absolutely homogeneous air flow and temperature distribution
- extremely robust chains, chain rails, pin bar carriers and clips, needing only little maintenance

- exactly reproducible finishing results because of complete automation and recipe administration in the line

Optimised solutions for the finishing of woven fabric

The BRÜCKNER POWER-SHRINK compressive shrinking unit is the ideal solution for the finishing of woven fabric and denim. It comprises complete modules which can be tuned particularly to the customer's requirements. POWER-SHRINK allows achieving the best residual shrinkage due to the high-tech drive concept with traction measuring rollers; continuously constant shrinking values can be achieved thanks to the technologically sophisticated automatic shrinkage control system. A production output increase by 20-40% results from the optimised geometric conditions at the rubber belt unit.



Figure 2: BRÜCKNER POWERSHRINK provides for optimum results with maximum production speed

Dyeing in continuous operation

The requirements for the dyeing processes with Pad-Dry / Thermosol lines are increasing, BRÜCKNER allows for these requirements with his latest generation of continuous dyeing lines. The target regarding the quality is a ho-

International Textile Companies Highlights at ITMA

AATCC



If you visit ITMA, stop by Hall 2, Stand A160 and see AATCC! Enjoy video demos of AATCC's online courses and webinars.

Learn how to search for a topic or a specific article in the Textile Technology Complete database, and see other membership benefits. Read the latest issue of AATCC Review! Of course, AATCC staff members will be on hand to answer questions from members and prospective members. Called the "Olympics of the textile and garment machinery industry," (because it has been held every four years since 1951) the International Exhibition of Textile Machinery (ITMA) is the world's largest inter-

national textile and garment machinery exhibition.

Machinery is not the all exhibition has on hand—the 2011 ITMA will include a new "chapter" (section) on fibers and yarns, including natural, man-made, and technical fibers and natural, synthetic, and technical yarns. "The expanded product index will be a boon to textile and garment makers and manufacturers and professionals from other industrial sectors," says Stephen R.

Combes, president of the Comité Européen des Constructeurs de Machines Textiles (CEMATEx), owners of ITMA. "With the business environment becoming more competitive and complex, buyers now prefer platforms that offer innovative, one-stop solutions for their total sourcing requirements."

The 2011 ITMA will feature 18 separate chapters, including: spinning; winding and texturing; nonwovens production; weaving; knitting and hosiery; garment making and textile processing; embroidery and braiding; dyeing; printing and finishing; dyes and chemicals; testing; recycling; logistics; software; fibers and yarns; and research and education.

The 2011 ITMA will spotlight research and education with a major pavilion for research institutes and institutions of higher learning to showcase their projects, capabilities, and programs.

There is also a spotlight on sustainability issues with a Sustainable Textile Leaders Roundtable Dialogue scheduled for the opening day.



the market, new opportunities in Indian domestic market.

It is expected to be a spectacular event showcasing hi-tech textile machinery, innovative technologies and services for textile industry and is specially designed to be the “gateway event” to the huge market opportunity presented in India as well as the nearby countries like Sri Lanka, Bangladesh, Pakistan Vietnam, Indonesia, etc.

The bookings for this prestigious exhibition has received tremendous response and is ready to close with 100% space sold within next 30 days. The focus is to provide a complete platform and making it a win-win situation for every person associated and interested in the ITME event in terms of acquiring new clients, new markets, new technology, cost competitiveness, sourcing opportunities including academic and research programs. Apart from the business, we also hope to bring to the table new products and innovative ideas for world class textile products and services through seminars during the event.

On the occasion Mr. Andreas Weber, CText FTI World President, The Textile Institute, UK expressed his views that there is a strong chance of Indian multinationals opening subsidiaries in Europe and US for textile machinery and accessory. He also feels that the textile institute world over can through collaboration assist all textile sectors and work together for the overall improvement of textile industry globally.



Mr. Andreas Weber
CText FTI World President of The Textile Institute

“Il. Lustrissim Senyor Jordi Marti-Galbis, councillor in charge of the Mayor’s Office and district affairs at Barcelona’s Local Council, graced the India evening with his august presence, expressing a deep desire to develop a strong business relation with India, especially in the textile machinery sector. In today’s world no business ac-

tivity can succeed in isolation but has to work together towards sustaining the resources and economy.



Il. Lustrissim Senyor Jordi Marti-Galbis,
Councillor in charge of the Mayor’s office

Mr. Marti-Galbis stressed that India and Catalonia could work closely in many areas. A sector where Indian companies may be interested in finding Catalan partners is the textile industry. Catalonia was, together with Northern Italy, the only territory in Southern Europe to industrialize, and textiles were the tip of the sword in this process. Today, after a painful but successful transformation, having adapted to the new demands of the markets, and following a great effort in terms of research and development, the industry is back on its feet.

The councillor explained that, although the economic landscape in Catalonia is diverse, and a number of new industries are leaving their mark, the textile industry is not only part of the country’s past, but of its future. He was particularly proud of the fact that Barcelona was the host city for one of the world’s top-ranked textile machinery trade fairs.”

Mr. R.S. Bachkaniwala, Chairman also announced the expanded activity of ITME Society and said that as a responsible organization dedicated towards growth and prosperity of industry and economy the Society is constructing an Industrial Exhibition cum convention & Research Centre in Ahmedabad, Gujarat, India. With all facilities for industrial exhibition and programs for skill development which will target creating employment for youth. This exhibition centre in its completed phase will become one of the largest in India with over 1,00,000 sq. mtr. exhibition area.

Also expanding the exhibition services the Society now will organize exhibition every 2 years instead of 4 years and announces INDIA ITME 2014 to be held in November/December 2014 with focus on technical textile, garment, knitting and chemical Dyestuff, innovative textile technology etc.



INDIA ITME 2012 - Most anticipated Textile Machinery Show of 2012

September 26, 2011

INDIA ITME 2012, the 9th in the series and the most prestigious and anticipated textile machinery show in India and neighbouring countries is scheduled from 2nd – 7th December 2012 at Bombay Convention & Exhibition Centre, Goregaon (E), Mumbai, India.

A press conference and networking dinner was held on 26th September 2011 at Gran Salon B, Hilton Barcelona. Mr. Andreas Weber, CText FTI World President of The Textile Institute, UK and Il. Lustrissim Senyor Jordi Marti-Galbi, Councillor of Presidence, Barcelona City Council graced the evening as guests of honour and many other industry delegation from across globe along with press and media attended the “Rendezvous with INDIA ITME 2012”.

It is well known that primary textile machinery market world wide was affected by the global economic crisis and witnessed severe down turn from 2008. However, the growth of the Asian Textile Industry provided the much needed impact to the western textile machinery manufacturers for revival of their business. It is expected that in the long term driven by the demand for non woven textile products specially from Chinese and Indian economies the global market for textile machinery will reach US \$ 20.15 billion by the year 2015.

India being the 2nd largest textile market in the world is expected to be a leading textile producing country in the world by 2020. The strength of the Indian textile industry is very apparent from the robust attendance by the Indian delegation in

all international textile machinery shows like ITMA Europe, ITMA ASIA + CITME, China, ATMA USA and ITM, Turkey. For most of the European textile machinery manufacturers from Switzerland, Germany, Belgium, Italy and Spain. India remains the most important market with the export worth millions of dollars.

India has the potential to become manufacturing hub in the textile machinery, with abundance of skilled labour, low cost and natural resources available. The government initiatives like Technology Upgradation Fund Scheme (TUFS), the Scheme for Integrated Textile Park (SITP), Integrated Skill Development Scheme for the industry is expected to push the growth of the industry steadily. India's textile & apparel industry (domestic + exports) is expected grow from the current US\$ 70 Bn. to US\$ 220 Bn. by 2020. (Source: Technopak).

Mr. Bachkaniwala said:

“With such need and opportunity based demand, it is only imperative that textile machinery manufactures all across the globe eye Indian market. India ITME 2012 is now a ‘must participate, must visit’ for Textile Engineering industry all across globe.



R.S. Bachkaniwala
Chairman, India ITME Society

INDIA ITME 2012 is an effort to usher in the much needed revolution, growth and global attention to