

Novelties at ITM Istanbul, Turkey

Van De Wiele - Super Shaggy-Loop Carpets

Super Shaggy-loop carpets woven on the Universal Shaggy-loop Pioneer USP93 Van de Wiele machine were displayed at ITM exhibition in Istanbul. These Super Shaggy-loop carpets, combining long cut pile up to 2 x 50 mm per carpet and loop pile up to 2 x 20 mm attracted the interest of trade visitors.



Super Shaggy-loop carpet with 2 x 50 mm cut pile and 2 x 20 mm loop pile woven face-to-face on the USP93.

The Jacquard designs on display combined this cut pile and loop pile structures with different pile yarns in texture and yarn count results in Shaggy-loop carpet with a rich pile structure with high/low effects and multiple pile reflects. Woven on the Shaggy Rug Pioneer SRP92 equipped with spoon lancets of 140 mm, Van de Wiele is presented Super Shaggy carpet up to 2 x 70 mm pile height.

On the Axminster machine MAX91 for up to 16 pile colours, without incorporated pile yarn, carpets with handloom woven look carpets were displayed. The design is perfectly visible at the back and does not show any ground warp yarns. This carpet has the typical hand and touch of a knotted carpet.

Tapestry carpets woven on the VTR33 displayed at ITM 2009, exhibited the combined jacquard ground effects and face-to-face jacquard cut pile. Additional colours are obtained by a 2x6 filling selector. From fashionable modern upholstery, car and bus velvets, garment velvets up to technical fabrics, numerous velvet applications woven on Velvet Tronic VTR23 in dobby execution and on VTR33 in jacquard execution are on display.

Velvets with more texture, combining pile surfaces and flat woven jacquard effects, know as Italian Velvet, both for trendy as for classic designs, were presented to demonstrate the versatility of the VTR33.

Benninger with all its technologies

The target markets of the technologies produced by Benninger are in the field of Textile dyeing and finishing, (e.g. bleaching, mercerizing, scouring, desizing, washing, cold pad batch dyeing, pad steam dyeing) and all the technologies for both woven and knitted fabrics such as weaving preparation, direct warping, sectional warping, staple fiber sizing, filament sizing, beaming, assembling, denim/indigo dyeing.

According to Mr. Tom Knauer, Sales Manager, Textile Finishing, Benninger, ITM 2009 can be considered as another venue to reach other target markets of Iran, Syria, Pakistan, Iraq in addition to Turkey. Benninger exhibited CPB padder, Versomat and automated sectional warper at ITM 2009 in Istanbul.

W. Bälz & Sohn GmbH & Co.

The Baelz® company is serving the industry since 1896 with products and procedures for steam, hot water and hot oil appliances. Baelz® technology provides the customer with big savings and helps to save fuel and energy. This means economical and ecological advantages for a demanding future. The products include valves, ejectors, heat exchangers and controllers are all unique Baelz developments in German quality.

One highlight was the presentation of the revolutionary Baelz-hydrodynamic® and Baelz-vapordynamic® technology, which combines fluid and steam circulation with great savings in installed material and electricity.

Following products were displayed at the show: Baelz-thermodynamic®, Baelz-vapordynamic®, Baelz-hydrodynamic®, Baelz-electrodyn-analog®, Baelz-electrodyn-digital®, Steam Terminal®, Condensate Terminal®, Hot Water Terminal®, Hot Oil Terminal®, Luxese Instant Heat®, FastHeat of Baelz®.

Ferraro attracted attention of buyers

Ferraro from Italy is represented by Feteks, which is one of the important names representing many other Italian companies in Turkey.

According to Mr. Faruk Kihc, exhibition like ITM Istanbul are very important for us to meet with customers and we never expected so much attendance due to the global crisis. We represent 8 Italian companies and I have received very positive feedbacks from the companies. Though it is rather early to say that situation in the textile industry is improving, however, we shall wait for post exhibition response from our customers.

Who is Rosy?

At ITM Istanbul Rosink GmbH from Germany presented newly developed low cost, cot grinding machine Rosy.

Rosy by Rosink was on sale and first 50 pieces of Rosy Limited Edition were offered at a special price with easy order via internet at www.whoisrosy.com.

The Rosy Limited edition for the special price of 11.111 Euro (only first 50 pieces) against the regular price of 14,900 Euro can be ordered at the above mentioned website.

Readers are encouraged to visit the website www.whoisrosy.com and see for themselves that.....Rosy is really exciting; she is easy and she is fast! And by the way, she is absolutely favorable and precise!

Mr. Karl Heinz Abel, Area Sales Manager at ITM Istanbul displayed working of Rosy - cot grinding machine on sale at ITM 2009. The machine offers the productivity of 240 cots per hour with stone width of 180 mm and stone grain of 120 mm. Rosink is represented in Pakistan by Amir Traders based in Karachi.



Rosy - Cot grinding machine.

Kuesters Calico Machinery Limited

Kuesters Calico Machinery Limited was established in 1996 as a joint venture of Eduard Kuesters Maschinenfabrik GmbH & Co. KG, Krefeld, Germany (Est.1946) and Calico Industrial Engineers, India (Est.1946). The manufacturing program of the company consists of a wide range of textile processing machines and converting machinery for plastic films, paper and aluminum foil with technical support of Polytype Ltd., Switzerland.



In Pakistan, through their agent Kash International, Kuesters Calico offers pre-treatment, dyeing and drying ranges for woven and knits. In dyeing range the pneumatic dye padder and package dyeing machines, hydraulic jigger and float and cylinder dryer, polymerizing (curing) machines, etc complete their finishing programme.

Kuesters Calico also offers high end dye padder - Swimming Roll Kuesters, CPB Dyeing for short lots for both woven and knitted goods. The softknit processing knits range from Kuesters Calico includes washing compartments, softknit bleach range and dyeing padder. The continuous washing range, continuous print washing range and continuous bleaching range as well as all the other finishing machines by Kuesters Calico are sold in Pakistan and Bangladesh by Kash International.

Mahlo GmbH + Co. KG

Mahlo offers monitoring, control and automation systems for not only the textile and allied finishing industries, but also the paper, foil and coating sectors. This long-established company in Bavaria was founded in 1945. The family owned company offers the end-users technically advanced yet economically viable, problem-resolving proposals for the following:

- ❖ Process and quality control (weight, thickness, moisture).
- ❖ Weft straightening.
- ❖ Residual moisture control.
- ❖ Exhaust humidity control.
- ❖ Pattern and repeat measurement and control.

Interspare Group

Interspare was founded in 1994. Until 2007 the supply of spare parts for textile machines was the major business. In November 2007 Interspare purchased the patents and rights of the trade names ARTOS, KRANTZ, STENTEX. For these brands Interspare is the only supplier of original spare parts.

Presently, service and modernizations add and complete the provision of spare parts. Interspare secures and continues the tradition and quality of the brands ARTOS; KRANTZ; STENTEX. The new K30 series, offers proven components with innovative technological solutions.

The Artos UNI-STAR is equipped with an 5-Q system with 5 elements. They ensure unparalleled uniformity of air distribution across the entire width of the fabric.

Lenzing Instruments

The Austrian company Lenzing Instruments develops, produces and markets testing equipment for quality control within the areas of filament, staple fiber, nonwovens and film. Previously belonging to the fiber producer Lenzing AG, Lenzing Instruments since 2004 acts as an independent part of the Textechno Group.

The wide product range of Lenzing Instruments includes laboratory testing instruments, at-line testing equipment for quality control nearby the production site as well as real time online monitoring systems.

Products shown at the ITM show

include online monitoring, at-line testing and online laboratory testing of filament, staple fiber, nonwovens and plastic film.

Textechno Herbert Stein GmbH & Co. KG

Textechno is one of the leading manufacturers of testing instruments for the textile and man made fiber industry for the last 60 years. The instruments for automatic testing of linear density, tensile properties, crimp and shrinkage are playing an important role in the quality control of the textile industry.

Besides well-established testers for man-made fibres and filament yarn industry, the new "Cotton Control" product line includes innovative testers for cotton spinning and weaving mills, for tests on both, cotton fibres and yarns.

The scope of equipment by Textechno includes:

- ❖ STATIMAT DS automatic tensile, linear density and evenness tester for yarns.
- ❖ DYNAJET automatic high-speed weak spot tester for spun yarns.
- ❖ FIBROTEST semi-automatic fiber length and (absolute) strength tester for staple fibres.
- ❖ LENGTH-CONTROL automatic fiber length and neps tester for slivers.
- ❖ DYNAFIL ME universal filament yarn tester.
- ❖ TEXTURMAT ME automatic crimp contraction and shrinkage tester.
- ❖ FAVIMAT-(AI)ROBOT 2 automatic single fiber tester.

Texpa - Automatic Manufacturing Lines

Texpa from Germany is represented in Pakistan by Intertex Corporation. Texpa excels in fully automatic machinery and production lines for cutting, label dispensing, hemming and sewing, folding and packing of hometextiles such as terry towels, wash gloves, bath mats, kitchen towels, table cloths, napkins, pillow cases, bed sheets, duvets (all styles), fitted sheets, comforters and blankets.

Additionally to their standard range of machines, they also offer special

installations for curtains, shower curtains, bags, nonwoven products and cleaning cloths. Two new machine applications were presented at ITM Istanbul.

- ❖ Duvet cover closing installation (installation for the lateral closing of duvet covers).
- ❖ Pillow case cover closing installation with spreading station (Installation for the lateral closing of pillow case covers with spreading station for a faster handling of pillow case covers with flaps).



Fully automatic line for cutting, label dispensing, sewing folding and packing applications in hometextiles.

Hergeth showed its best

Hergeth range of machines includes handling fiber bales, opening bales, mixing, cleaning, blending, metering and feeding of fibres as well as inspection systems for fibres and webs.

In addition to the standard range of machines, the company considers that the specially custom-made machines for individual or extreme applications as their strength. Their experience also includes the handling of very short and long fibres and Hergeth machines have gained a reputation for modern and solid design.

Some of the machines by Hergeth.

- ❖ Automatic bale tie cutters.
- ❖ Horizontal pluckers for all fibres.
- ❖ Inclined pluckers.
- ❖ Openers single and multiroll.
- ❖ Mixers 4, 6, 8 compartments.
- ❖ Belt scales 350 and 1500 kg/h.
- ❖ Ultrasonic metering systems.
- ❖ Fans.
- ❖ Distribution valves.
- ❖ Cotton cleaning machines.
- ❖ Chute feeds.
- ❖ Foreign matter elimination system.
- ❖ Web and weft inspection system.

Lafer Turk presents several finishing machines FCO 600 open width

Lafer Turk presented a brand new Open Width Compacter at ITM Istanbul, as their prototype has met all the trials and tests under working conditions since June 2008.

In sanforizing process, winding angle of the fabric is very important in terms of the productivity of the process. The larger the part of fabric, which makes the contact with the cylinder, while it passes over the cylinders, the larger part of it will be processed, which results in an increase of the speed of the sanforizing process. The fabric is wound on the heating rollers with the angle of 270°.

However, this angle is limited to 210°-225° in the sanforizing process of current technique, as this difference stems from the diameters of heating cylinders.

While a winding angle of 225° can be achieved with the available technique with 350 mm of cylinders, this angle increases to 270 with 600° mm cylinders. As a result, faster processing of the fabric has been achieved within the sanforizing unit.

Another criterion of the productivity of sanforizing process, is high non-shrinking

Statex showcased its wares industrial production with High-Tech textiles from Bremen

Bremen based company STATEX, together with its Turkish distribution partner Bateks, showed innovative textile applications for industrial production on its 120m² exhibition stand.

Through the use of these textiles, various significant cost savings can be made during production. STATEX achieves this for example by the use of flexible, portable insulation tents. The so-called EMC-tents are manufactured from metalcoated fabrics and are very versatile. Wherever precision measurements concerning electromagnetic compatibility (EMC) are carried out, the insulation tents come into play. The advantage? The flexible construction of these tents allow investigations to be carried out directly on location. So the costly and complicated transportation of test objects to electromagnetically insulated rooms, often in external institutions, becomes unnecessary. Car manufacturers and the aeronautic and space industries are already using the tents.

STATEX Silver products

STATEX produces versatile yarns with silver, as well as textiles, knitted fabrics and fleeces, enabling the precious metal not only to be worn as jewellery, but also to be utilised in industry and medicine. Around the world, leading manufacturers of wound dressings are already exploiting its benefits and are using



Statex - NASA using EMC-tents.

silver-coated Shieldex fabrics as a natural remedy for quicker healing. Why? Because silver kills bacteria, thereby promoting healing and soothing the skin.

STATEX SHIELDEX® yarns find uses in a variety of arenas

Firms and research groups all around the world use SHIELDEX® yarns, textiles, fabrics and fleeces from STATEX for a variety of applications. They are characterized by a special metallization process that coats polyamide strands with 99 per cent pure silver. A variety of possibilities for utilization and further processing arise from the unique qualities of this precious metal. For example, the insulating effect of the silver is used as protection from electromagnetic radiation. Secure protection from data theft is offered by special SHIELDEX® insulation tents for data cabling. In aeroplanes, silver-coated threads in carpets prevent accidents caused by electrostatic charges.

Electrically conductive, silver-coated yarns enable the integration of microsystem technology in textiles. In the medical sector bodily functions can be checked with the material.

With SHIELDEX® yarns and fabrics – used among others in socks and shoe inserts – foot smells and undesirable germs and fungi are eliminated. Bacteria have no chance and feet are kept healthy.

Further information is available online at www.statex.de.



Statex - Car manufacturers using EMC-tent.

values, the non-shrinking value of the fabric is between 8-10% in the current technique, this value has been increased to 10-12% with this invention by Lafer Turk.

For example; 100m of fabric shrinks to 90-92m with available 350 mm cylinders in current technique, while it decreases to 88-90 m in 600m cylinder range.

This increase in non-shrinking values is achieved as a result of increase in the contact between the fabric and felt. Therefore, the sanforizing process by this new machine has become faster, thus production capacity has been increased owing to the increase of fabric winding angle and non-shrinking values.

Pleva GmbH

Pleva GmbH is active in the development and production of sensors and control systems since 1969. The focus of its R&D effort is to develop systems for on-line controls and monitoring of industrial processes. Products highlighted at the show are:

- ❖ SD Structure detector.
- ❖ SL Straightening machines.
- ❖ AS 120 Size pick-up control.
- ❖ AF 310 Coating, dye liquor pick-up and applied moisture.
- ❖ RF 110 Residual moisture of fabric (contact-free).
- ❖ RR 1 Residual moisture of fabric (contact).
- ❖ FS 91 Exhaust humidity.
- ❖ TDS 95 Fabric temperature sensors.
- ❖ IR 112 Fabric temperature after relax dryers.
- ❖ OS 90 Oxygen content.
- ❖ Advanced Visualisation systems.

French textile machinery - partner for the Turkish textile industry

ITM in Istanbul was a good opportunity to confirm the strong relationship with the Turkish textile industry even though the market is quite dull, the French textile machinery manufacturers looked to the future and were successful.

"We are particularly strong in weaving preparation, nonwovens, spinning, dyeing and finishing machinery" says Bruno Ameline, the Chairman of UCMTF, the manufacturers' association. He adds "Turkey is one of our main markets with more than 10% of our sales. From the Turkish point of view, we are also very important as France is the 4th supplier". One example: in the fast growing city of Gaziantep where 300 millions square meters of carpets are produced, many carpet manufacturers are equipped with modern French machinery.

Evelyne Cholet concludes "At ITM 2009 their members welcomed their customers and potential customers, listen to their needs and propose them the best solutions whether their plans are for short or long term implementations.

Following French Textile Machinery Manufacturers participated at ITM 2009: N. Schlumberger, Laroche, RITM, Petit, Fil Control, Superba, NSC Nonwovens, Rieter Perfojet, Staubli, Ebelmann, Mallein, Lemaire, Aesa Air Engineering, Calémard, Decoup+, Roll Concept, Dollfus and Muller, Alliance Machines Textiles, Callebaut De Blicquy and Rousselet. ♦

Erhardt+Leimer presented quality and web process control solutions

Erhardt+Leimer is the global leader in process controls for the textile industry. For over 80 years E+L has been a valued supplier to fabric, nonwovens and carpet manufacturers, offering web guiding, tension control, slitting and quality control equipment for new and existing installations. Erhardt+Leimer represented in Pakistan by Intertex Corporation offers following Quality Control Solutions.



EL COUNT.

Web Process Control Solutions:



Mrs. Simonetta Cariati, General Manager of Erhardt+Leimer, Italy with Mr. Farrukh Zaman, Director of Klash (Pvt.) Ltd. - Faisalabad

- ❖ ELSTRAIGHT and ELSTRAIGHT HD Weft Straighteners for fabric and carpet applications featuring E+L Smarter Vision CCD Matrix Camera Technology.
- ❖ ELCOUNT Pick and Course Measurement and Control System incorporating Smarter Vision CCD Matrix cameras for noncontact evaluation of fabric density.
- ❖ ELSIS Surface Defect Inspection Systems for Nonwovens and selected textile applications.
- ❖ ELMETA Metal Detection Systems for full width detection of metal particles in moving webs up to 6M in width
- ❖ ELSOR Width Measurement Systems featuring CCD line scan cameras or infrared full width measurement, with interface capabilities for range control.

- ❖ ELFEED Tenter Infeed Guides: the industry Standard in tenter rail positioning for new or existing installations.
- ❖ ELSMART Slat Roll Guiding Systems featuring center or edge guiding with optional spreading, width measurement, driven roll and oscillation features.
- ❖ ELSWING Steering Roll Guides with Pneumatic or E+L Digital Control System.
- ❖ ELGUIDER Pivoting Frame Guiding Systems for widths up to 5M.
- ❖ ELTENS Tension Measurement and Control featuring Load cells designed specifically for textile applications.
- ❖ ELSPREADER Fabric uncurling and spreading systems including LG scroll rolls, LS3001 plate uncurlers, LPA pneumatic uncurlers and LA83 finger uncurlers.
- ❖ ELROTEX Rope Detwisting and Opening Systems for tubular knits.
- ❖ ELCUT Slitting Equipment for selvege trimming, tubular knit processing and converting.

Erhardt+Leimer has many references in Pakistan.

www.erhardt-leimer.com. ♦



From left to right: Mr. Wasim Aqil Khan, Processing Manager of Klash (Pvt.) Ltd, Faisalabad, Mr. Gabriele Pezzotta, Sales Manager, of Erhardt+Leimer, Italy and Mr. Arif Aziz, Technical Manager of Klash (Pvt) Ltd. - Faisalabad.