

textile machinery symposium

29 - 30 October, Pan Pacific Sonargaon Hotel, Dhaka

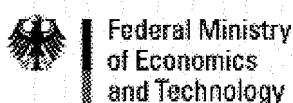


Thomas Waldmann, VDMA Ragnar Strauch, VDMA

Invitation to the Textile Industry of Bangladesh

A Textile Machinery Symposium, initiated by the Textile Machinery Association within VDMA and officially sponsored by the German Federal Ministry of Economics and Technology will take place in the Capital of Dhaka, in the Pan Pacific Sonargaon Hotel, on 29th and 30th October, 2002. This event is also supported by BGMEA, BTMA, BKMEA, BUMEA, BTTLMEA and is highly welcomed by the government of Bangladesh. All partners cordially invite the leading executives of the textile industry of Bangladesh to attend the symposium, to be informed in detail about the German offer in textile machinery.

A total of 18 recognized textile machinery manufacturers from Germany will report in 20 lectures about the latest developments and technical trends, as well as indicate possibilities of cooperation, in order to improve textile products of the country for the increasing competition in international markets. This is the first time the German textile machinery industry has organized a technical symposium in Bangladesh. The branch expects good opportunities for a cooperation with the textile industry. This is proved by a good number of participants from renowned German companies. The symposium offers a very good chance to strike up new contacts and to deepen existing relationships. The VDMA Textile Machinery Association and the Federal Ministry of Economics and Technology consider this to be the foundation for a long lasting and mutually successful co-operation.



Association of the German Trade Fair Industry (AUMA), Berlin

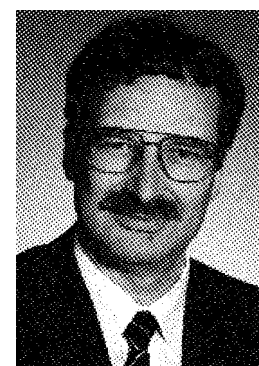


VDMA Textile Machinery Association

Use our Collective Chances! The Bangladeshi - German Trading Relationship on Course for Success

Thirty years have passed since the foundation of the State in 1971, a period in which a great deal has been accomplished in Bangladesh, particularly in regard to the economy. Everyone united; entrepreneurs, tradesman, families, foreign investors and development partners. Today, Bangladesh belongs to the worlds leading textile producers and as the most important sector to this central Asian country, is therefore strongly associated with German economy and businesses. The phenomenal expansion of the knitwear and clothing industry (RMG), once again reflects the great success story of Bangladesh. Over the last ten years, the export orientated RMG industry has experienced enormous growth. The Bangladeshi government recognised the industry's importance and massive potential at an early stage, and in 1995 formulated a Textile Policy, with the aim of constructing 246 spinneries, 481 weaving mills and 481 colour-print-textile-conditioning plants by 2005. With the support of dependable domestic and international partners, Bangladesh put all its energies into reaching these goals.

Quality products of the German machinery industry have played their part in establishing the successful partnership, which provides great advantages for companies of both countries. In the export of conditioning machinery for instance, within the European Union, Germany is already the largest supplier for the Bangladeshi textile industry. Germany supplies the exact quality products whose input presents the best chances for the Bangladeshi economy. You too can benefit from the knowledge and technical know how of the German machinery industry! Use the chances on offer for a successful future for your company! The Federal Ministry of Economics and Technology (BMWFi), in cooperation with the Association of the German Trade Fair Industry (AUMA), and the support of the VDMA Textile Machinery Association, look forward to being able to welcome you to the first German Textile Machinery Symposium from 29th - 30th October in the Pan Sonargaon Hotel in Dhaka and to introducing you to groundbreaking ideas and concepts.



Dietrich Andreas, German Ambassador

German Evening - Official Reception of the Embassy of the Federal Republic of Germany

After the workshops and discussions the German Textile Machinery Symposium will offer an opportunity to relax or make further useful contacts in a German environment. The German Ambassador to Bangladesh, His Excellency Dietrich Andreas, will be hosting a reception on Tuesday evening at his residence in Gulshan. In his message the ambassador says: "Since Germany in 1972 gave diplomatic recognition to Bangladesh after the country's independence, our two countries have developed equally close and friendly relations. Political relations are characterised by mutual trust and understanding. Cultural relations are diverse and receive the committed support by the Goethe Institut in Dhaka. In development cooperation Germany is a longstanding and reliable partner of the government and people of Bangladesh. In the field of economy and trade, Germany is the second largest export market for products from Bangladesh, mostly garments. For many producers in Bangladesh it is high quality German machinery which guarantees their competitiveness in the global market. This German Textile Machinery Symposium will certainly contribute to strengthening the competitiveness of Bangladesh's textile sector for the challenges to come. I am grateful for the support given to the symposium by the Bangladesh German Business Forum and the three apex bodies of the textile and garment sector in Bangladesh, the BTMA, the BKMEA and the BGMEA."

Program

October 29, 2002

| Time | Program | Speaker | Company |
|--|--|----------------------|--|
| 09:00-10:00 | Registration | | |
| 09:30-10:15 | OPENING CEREMONY | | |
| 12.45-14:00 | Meal / Buffet in the Garden | | |
| Spinning Preparation Technology & Spinning Technology | | | |
| 10:30 -11:30 | Technical Innovations from Bale to Sliver | Hermann Selker | Trützschler |
| 11:45 -12.45 | Belcoro - Marketing and Textile Technology for Autocoro Yarns | Angelo Bonacci | W. Schlafhorst |
| 14:00 -15:00 | Autoconer 338 - Future-Oriented Winding Technology | Peter G. Goelden | W. Schlafhorst |
| 15:15 -16:15 | Conditioning of Yarn - An Integral Part of the Spinning Process | Rolf Niederlohmann | Ph. Welker |
| 16:30 -17:30 | The New Volkmann Two-for-One-Twisting Systems | Gerd Munker | Volkmann |
| Textile Finishing Technology & Nonwoven Technology | | | |
| 10:30 -11:30 | Dye House Automation - A Way to More Efficiency | Jürgen Brockmann | Thies |
| 11:45 -12.45 | Innovative Control Systems for the Textile Finishing Industry in a Global Competition | Gerhard K. Schmidt | Mahlo |
| 14:00 -15:00 | Ideas to Mercerisation for Woven Fabric | Günter Wedemeyer | Karl Menzel Maschinenfabrik |
| 15:15 -16:15 | A Review of Cold Pad Batch Dyeing for Woven and Knitted Goods | Thomas Scheurenberg | Eduard Küsters Maschinenfabrik |
| 16:30 -17:30 | Nonwoven Technologies, a Challenge to Textile Industry of Future | Axel Martell | Oskar Dilo Maschinenfabrik |
| 17:45 -18:30 | Keynote Speech by Dr. Michael Nienhaus, Head of GTZ Office Bangladesh Public-Private Partnerships | Dr. Michael Nienhaus | GTZ Gesellschaft zur Technischen Zusammenarbeit |
| 19:00 | Reception of the Embassy of the Federal Republic of Germany | | |

October 30, 2002

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|----------------------------------|---|-----------------------------------|--|
| 09.30-10:00 | Registration | | |
| 12:30 -13:30 | Meal / Buffet in the Garden | | |
| Spinning Technology | | | |
| 10:00 -11:00 | Suessen Elite [®] Compact Set - the Future in Ring Spinning | Ioannis Spiridopoulos | SUESSEN, Spindelfabrik Suessen |
| 11:15 -12:15 | Economical Finish Winding of Sewing Thread | Peter Fischer-Fürwentsches | HACOBA Spultechnik |
| 13:30 -14:30 | Rieter Drawing Technology - High Quality for your Benefit | Jürgen Müller | Rieter Ingolstadt Spinnereimaschinenbau |
| 14:45 -15:45 | New Rieter Rotor Spinning Machine - Basis for Profitable Rotor Spinning | Dr. Stephan Weidner-Bohnenberger | Rieter Ingolstadt Spinnereimaschinenbau |
| Chemical Fibre Technology | | | |
| 10:00 -11:00 | Latest Technology in PET Filament Spinning and Texturizing | Manfred Jander / Klaus Felderhoff | Barmag |
| 11:15 -12:15 | TEMCO High Efficiency Components for Textile Machines | Marc Zenses | TEMCO Textilmaschinenkomponenten |
| Knitting Technology | | | |
| 13:30 -14:30 | The Circular Knitting Machine - A Production Unit | Rudolf Crass | Mayer & Cie. |
| 14:45 -15:45 | Groz-Beckert Needle Innovations | Jörg Schairer | Groz-Beckert |

Spinning Preparation Technology & Spinning Technology - October 29, 2002

Technical Innovations from Bale to Sliver

Hermann Selker,
Trützschler GmbH & Co. KG

TRÜTZSCHLER



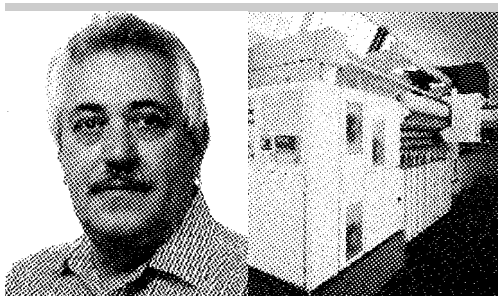
Trützschler GmbH & Co. KG is a global active textile machinery manufacturing company which specialises in the production of machinery and systems for spinning mills and the nonwoven industry.

As both a technological and market leader, Trützschler offers a complete range, from bale openers, blenders and cleaners to cards and draw frames. In the nonwoven sector, the company covers the entire fibre preparation process, from the bale opener to the tuft feeder. Herman Selker, Head of the Marketing Department, will demonstrate in Bangladesh "Technical innovations from bale to sliver." This presentation from a different point of view, shows how technical innovations have an effect in the field of spinning preparation, especially advantages in quality, positive economic effects and improvement in production flow.

Belcoro - Marketing and Textile Technology for Autocoro Yarns

Angelo Bonacci,
W. Schlafhorst AG & Co.

Schlafhorst | SaurerGroup



Textiles are visible part of daily life, and a substantial role in this is played by W. Schlafhorst AG & Co., Mönchengladbach, one of the world's largest textile machine manufacturers.

The product programme comprises rotor spinning systems and winding systems covering the wide range of staple fibre production. With its machines,

Schlafhorst sets new standards for the automation of modern spinning plants. For spinning high-quality rotor yarns of cotton, man-made fibres and blends thereof, "Schlafhorst Autocoro Systems" offers the Autocoro, the most successful automatic rotor-spinning machine in the world market. For winding natural and synthetic staple fibre yarns, "Schlafhorst Winding Systems" offers various types of the automatic winding machine Autoconer. Ring spinning is a field of strategic importance for Schlafhorst, as it invites the linkage of Schlafhorst machines to other processes in the textile production chain.

More than 95 percent of Schlafhorst's turnover is derived from exports. Schlafhorst machines spin and wind in about 5000 textile mills in more than 100 countries. The Autocoro Schlafhorst has achieved a leading position internationally in rotor spinning machine construction. More than 2.6 million spinning positions of this type have been delivered to spinning mills all over the world. With more than 1.6 million Autoconer winding positions in textile mills world-wide, every day Schlafhorst proves itself worthy of the leading position with this automatic cone winder.

Schlafhorst has contributed enormously to the success of the rotor spinning process with the Autocoro automatic rotor spinning machine and its technical and economical advantages. This is demonstrated with more than 2.6 million Autocoro spinning units installed world-wide.

With the introduction of the Autocoro in 1978, Schlafhorst recognised the special importance of the textile technological assistance of customers in the application of yarns in a wide range of textiles.

The Belcoro marketing campaign again demonstrates Schlafhorst customer support, with textile technological know-how, bringing closer awareness of this service to the customer through a modern marketing strategy. An active and positive communication of your performance capacity, gives businesses the chance to market the advantages and opportunities of their yarns and textiles more effectively.

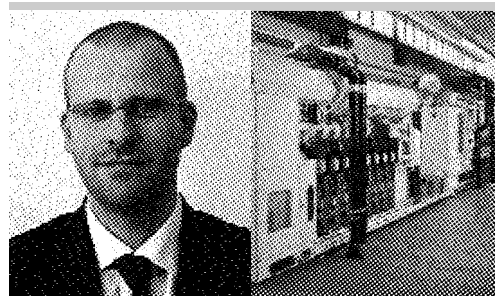
Belcoro is a registered and world-wide protected trademark for Schlafhorst. It distinguishes a yarn or textile product which has been produced under special production conditions and satisfies certain quality requirements. Schlafhorst is actively involved in the marketing of yarns manufactured on the Autocoro and the textiles manufactured

from these. The opportunities opened up by this, can be exploited by all those involved in the textile process chain - spinning mills, knitting and weaving mills, finishing and ready-to-wear businesses and also by the consumers.

Autoconer 338 - Future-Oriented Winding Technology

Peter G. Goelden,
W. Schlafhorst AG & Co.

Schlafhorst | SaurerGroup



The Autoconer 338 represents the latest generation of Schlafhorst's innovation leading automatic package winding machines. More than 150.000 spindles installed worldwide enhance the customer's appreciation of the Autoconer 338. The machine's performance features are the basis for mastering the broad range of textile applications successfully. Optimising the package quality is a focal point of the machine, as Autoconer packages are the quality factor in the textile process chain, e.g. with Autotense FX, ATT and Propack FX a new performance standard is achieved. With their homogeneous package build, high-quality Autoconer packages form the basis for optimised downstream processing in warping, weaving, dyeing and knitting.

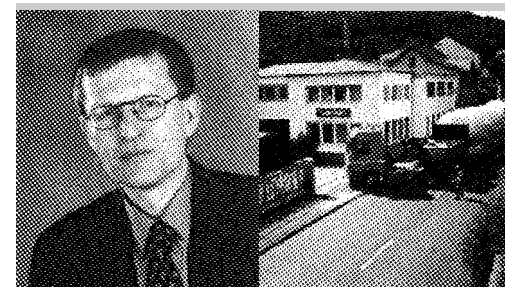
A further important criterion of the Autoconer 338 is the improved utilisation of the resources, energy and yarn. In addition, the modular construction and the improved machine functionality enables simplified operation and maintenance.

Conditioning of Yarn - An Integral Part of the Spinning Process

Rolf Niederlohmann,
Ph. Welker GmbH

Ph. Welker has produced high quality machinery for the textile industry since 1856. More than 2000 installations all over the world give evidence of Welkers expertise and quality. All machines are

welker
The Quality Company.



produced in Germany according to the highest quality standards. The Graduate Engineer Rolf Niederlohmann talks here in Bangladesh about "an integral part of the spinning process". The expert holds a degree in Process Engineering from Essen University (Germany). After different employments with manufacturers of process equipment he joined Welker in 1985. Today he is responsible for marketing in the Asia Pacific region.

"In cotton yarn production the fibre is losing moisture. From bale to cone the loss may sum up to more than 2.5 %. Nowadays conditioning is an integral part of the spinning process. It compensates weight losses and improves yarn quality", explains Niederlohmann. Rising machine speeds result in higher weight (moisture) losses. Friction and high temperature inside spinning machinery cause moisture to evaporate into the environment. Lost weight means lost money and reduced yarn quality for downstream processing. Reconditioning solves the problem.

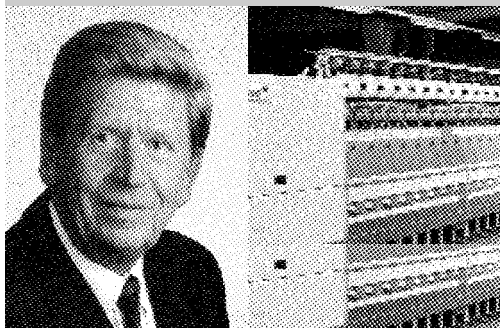
Research on weaving loom performance proved the superiority of conditioned yarn compared to dry yarn. The number of weaving loom stops could be reduced drastically with conditioned weft yarns.

An increase of weaving efficiency by up to 2% can be expected. Also from knitting, better performance is reported. Marking up of invoiced prices to the convention of 8.5 % for cotton is no longer accepted by buyers. Weight is money and conditioning apparently pays for itself within less than 6 months. Rising quality demands in export business, require uniformly improved yarn properties. Welker CONDIMAT (-TOWER, -BOX) machines are working with high efficient vacuum systems. Vacuum cares for deep penetration of moisture and uniform distribution inside the yarn package. In the conventional conditioning room or in air conditioned chambers the moisture is only accumulated in the outside yarn layers.

Spinning Preparation Technology & Spinning Technology - October 29, 2002

The New Volkmann Two-for-One Twisting System Gerd Mürker, Volkmann GmbH

Volkmann | SaurerGroup



Volkmann, a Company of Saurer Textile Systems, was founded in 1904 in Krefeld, Germany and united with Saurer Group in 1990.

The product range comprises: Two-for-One twisting machines for staple fibre yarn, as well as Two-for-One twisters and machines for cabling of carpet yarn. Volkmann is the leader for the Two-for-One twisters in the staple fibre sector for export oriented companies and is also well placed as regards Two-for-One and cabling machines for carpet yarns. Many years of consistent research in machine design and customers benefit are a vital prerequisite for the new generation of

products. In close cooperation with Saurer Allma and Saurer Hamel, Volkmann continues to expand on their strong market position.

In his speech, the Volkmann Marketing and Product Manager Mr. Gerd Mürker will present the new Volkmann Two-for-One Twisting Systems.

The new Volkmann Two-for-One Twister in compact design with efficient use of space, is a unique concept that is optimised with respect to energy saving in all significant elements.

This machine type has been developed in close cooperation with our customers.

This narrow machine design offers the advantage of very low space requirement and the possibility of replacing existing ring twisters without changing location.

The machines are available with different operating heights, thus providing ideal ergonomic operating conditions. With this machine Volkmann provides best economy, flexibility and the best possible quality of the textile product. Volkmann offers a perfect layout range of spindles to meet all requirements of the market.

Textile Finishing Technology & Nonwoven Technology - October 29, 2002

Dye House Automation A Way to More Efficiency "Practical Experience in Discontinuous Yarn and Piece Dye Houses" Jürgen Brockmann, Thies GmbH & Co. KG



Founded in 1892, Thies have specialised in the manufacture of yarn and fabric dyeing machines, plus bleaching and drying plants for more than 100 years. The traditional family business is situated in Coesfeld, North Rhine Westphalia, north of Düsseldorf and approx. 40 km west of the ancient Hanse city Münster. The company is represented world-wide through a network of Sales and Service Branches in China, England, France, Italy, Mexico, Russia, Switzerland, Thailand, Turkey and the USA.

High quality Thies-products are exported to textile dyeing and finishing factories throughout the world. The company maintains a continuous and ongoing research and development programme, which is reflected in the continual improvement of existing products and the ongoing introduction of innovative new developments.

The development, design and manufacture of the products is carried out with the aid of modern sophisticated techniques, including the use of CAD, CAM and computer controlled manufacturing

centres.

To meet the stringent demands of our clients, both the machines and the ancillary equipment are manufactured and certified according to the requirements of the local authorities and regulations prevailing in the country where the plant is to be installed (TÜV, ASME, DLI, etc.). Commencing in 1993 Thies Germany have been operating a quality control system meeting the requirements of TÜV-CEERT DIN ISO 9001/EN 29001.

In the company's own Research Dyehouse in Coesfeld, customers are able to carry out trials and tests under production conditions on their own material, using the latest yarn and fabric dyeing machines. Jürgen Brockman, Managing Director of the Sales Department Thies GmbH & Co. KG, will refer to ongoing automation in yarn and piece dye houses. After a general introduction of the actual situation of finishing plants in Europe, he will give some facts to the processing costs in the textile industry. Fully automated processing of textiles is described on the basis of two exemplary yarn dyeing and fabric piece dyeing factories.

Innovative Control Systems for the Textile Finishing Industry in a Global Competition

Gerhard K. Schmidt,
Mahlo GmbH + Co. KG

Mahlo, founded in 1945, in the best traditions of a progressive, medium-sized family enterprise, cares primarily for the textile finishing industry. The company is well known for well researched and developed, innovative products in conception and construction, as well as for technical up-to-date, economically viable and



problem resolving proposals, and for an efficient after-sales service.

Mahlo with its products and services tries to strike a sound balance between quality and cost, investment and returns and stringent requirements and capacity to compete. A world-wide network of 6 subsidiary companies, 97 agencies and 48 service outstations provide customer support in 127 countries. The product range includes multiple systems: Automatic Weft- and Course Straightening System ORTHOMAT, Process Monitoring and Control System OPTIPAC, Online Color Control System COLORSCAN and Quality Control System QUALISCAN.

Mahlo will be represented in Bangladesh by Gerhard K. Schmidt. After doing his degrees in Textile Engineering and Industrial Engineering, he started his career in different famous companies. In 1995 he joined Mahlo and in 1988 became Vice President (Sales). Now he is responsible for Sales and Marketing. In his speech he will explain "Innovative Control System for the Textile Finishing Industry in a Global Competition". Key topics are: Elaborating on the impact of technology employed and competitive advantages in a global market, brief introduction of a Modular Process Control System OPTIPAC, a straightening concept ORTHOMAT, and Color

Inspection System COLORSCAN; all based on latest "10A-technology". The features will highlight on the user benefits of such innovative systems.

Ideas to Mercerisation for Woven Fabric Günter Wedemeyer, Karl Menzel Maschinenfabrik GmbH & Co.

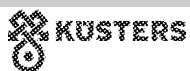


The company history starts in 1948. Karl Menzel founded a company in Windelsbleiche near Bielefeld/Germany. Today more than 250 people are employed in 6 production plants. Today this dynamic company is in the hands of second and third generations of the Menzel family. Research, design, production and sales under the same roof are the basis for world-wide strength and also guarantee sophisticated machinery. Today Menzel manufactures machines for the textile industry like: Singeing and Desizing Lines, Minimerc Machines, Mercerising Lines (Hot and Cold), Scouring and Bleaching Lines, Pad Steam Dyeing Lines, Pad Batch systems, Open Width Washing Lines, Rope Washers, Heat Recovery System, Inspection and Winding Machines, High Pile Plaiting Machines, Expander Rollers and all kinds of Winders and Bachers.

Textile Finishing Technology & Nonwoven Technology - October 29, 2002

Günter Wedemeyer, who has been responsible for worldwide selling of Textile Finishing machines since 1971, represents Karl Menzel here in Bangladesh. In his lecture he focusses on the Mercerising process: He gives an overview of the general process, the Machine Layout; the Minimerc and Standard Machinery, Hot and Cold Treatment, Caustic Management, Washing/Rinsing and Neutralisation.

A Review of Cold Pad Batch Dyeing for Woven and Knitted Goods
Thomas Scheurenberg,
Eduard Küsters Maschinenfabrik GmbH & Co. KG



Customer orientation was already the keystone of Eduard Küsters' philosophy when founding the company in Krefeld in 1949.

In just a few years he had a reputation throughout the world, for being the partner able to solve problems of the textile, nonwoven and paper industries.

The küsters group - still owned by the Küsters family - employs approx. 1000 people at four different manufacturing plants in Germany, India and the US. Supported by approx. 120 representatives, Küsters achieve a turnover of approx. 140 million EURO. Küsters has a worldwide leading market position in all three business areas.

Eduard Küsters will be represented by Thomas Scheurenberg. He finished his studies in Textile Engineering at Hochschule Moenchengladbach in 1993. After some years working in the areas of technical textiles, textile chemistry and textile machine manufacturing, he started working in the sales department of Eduard Kuesters Maschinenfabrik in 2002. He is responsible for the markets in Bangladesh, Turkey and some other countries.

In this lecture, he will show the technical and technological advantages of Cold Pad Batch Dyeing for woven and knitted goods. Especially the function of the deflection controlled Kuesters S-roller-system for good and equal dyeing results will be introduced.

Furthermore, he will talk about all neces-

sary machine components, beginning with systems for the fabric infeed, up to "state-of-the-art" dosing systems. There is also a technological need to show the conditions for the "ready-to-dye" fabric which is delivered to the CPB as it is fabric temperature and humidity.

Nonwoven Technologies, a Challenge to Textile Industries of the Future
Axel Martell,
Oskar DILO Maschinenfabrik KG



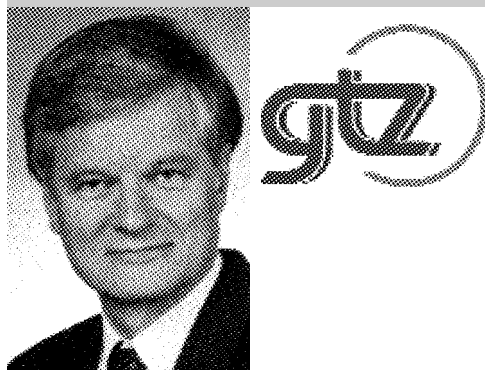
The DILO company was established in the year 1902 and is located in Eberbach, Germany. Dilo has now become a leading manufacturer of needle looms (non-woven machinery).

The DILO System Group is well known to be the complete line provider with sole responsibility for machinery manufactured by leading companies in their special field SPINNBU (carding machines) - AUTEFA (crosslappers) - DILO (needle looms) with all technologies: needle felting, thermal and chemical bonding, and spunlace. A DILO affiliated company SPINNBAU - a leading manufacturer of carding machines and lines is located in Bremen, Germany.

Sales manager Axel Martell talks about: "Nonwoven technologies, a challenge to the textile industry of the future." He informs about developments of machines and technologies for the production of needle felts and nonwoven fleeces (among others for automotive, technical, medical, hygienic and cosmetic applications). For these sectors of growth, machines of high productivity and availability are required with increasing requirements for the evenness of the nonwoven products. For that, DILO offers machine and line developments as for example: complete lines for flat, structured, tubular needle felts. DILO PROFI LINE System CV1 machine system for fibre savings and reduction of weight variation, needle looms with Hyperpunch system (i.e. elliptical needle beam). SPINNBAU carding machines for highest fleece delivery speeds for e.g. coverstock and interlinings and SPINNBAU airlay systems series TURBO CARD and TURBO Unit for e.g. medical, cosmetic and hygienic nonwovens.

Keynote Speech - October 29, 2002

Public-Private Partnerships - Shared Planning, Financing and Implementation in Developing Countries
Dr. Michael Nienhaus,
Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ)



The Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ) GmbH is a government-owned corporation for international cooperation with worldwide operations. In more than 130 partner countries, GTZ is supporting development projects and programmes, chiefly under commissions from the German Federal Government. GTZ's aim is to improve the living conditions and perspectives of people in developing

and transition countries.

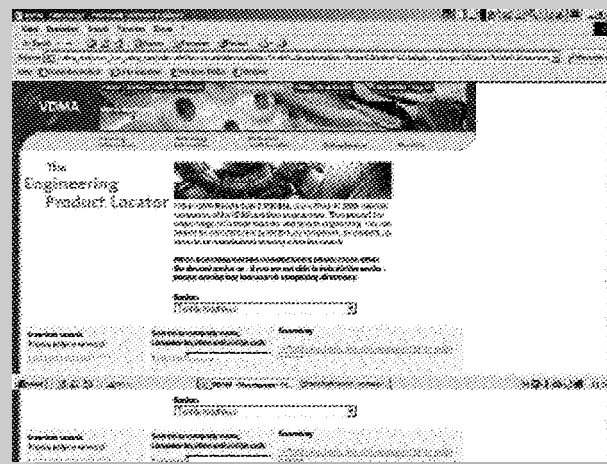
Since 1999, GTZ has been supporting private companys' long-term activities in developing countries. These partnerships with the private sector - better known as Public-Private Partnerships (PPP) - describe a new model for development cooperation.

Behind this new model, stands the conviction that if both parties pool their resources, they can achieve their respective objectives better, faster and at lower cost.

Above all, small and medium-sized enterprises that are active in developing and newly industrialising countries, currently enjoy the benefits of the PPP programme. Whether training experts on location, entering new markets using technology and know-how, or improving the quality of locally produced goods, the programme offers a wide range of opportunities.

In the first three years of the PPP programme in cooperation with German companies and associations, GTZ launched more than 250 projects in 60 countries worldwide. Some 100 million Euro was allocated to these projects, with a public contribution of approximately 39%.

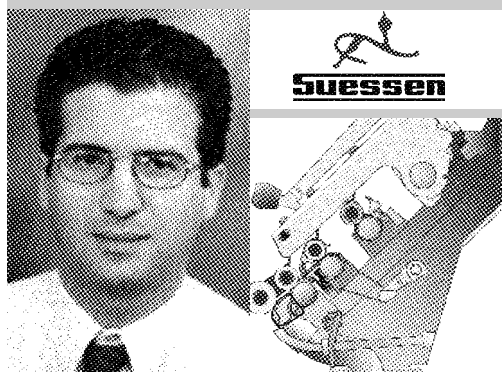
VDMA Product Locator Helps Bangladesh Textile Leaders



VDMA has installed a modern product locator service for textile machinery and accessories. Under "www.vdma.org/textile" you will find the respective button "product locator" on top of the home page. This product locator uses several searching strategies and we offer the textile industry executives the best technology solution for their industry. By the VDMA product locator service you may ask for contact details and are then transferred via a link to all VDMA members. Alternatively you may ask for all kinds of textile machines through a "free text search", and you may source all manufacturers producing a specific machine. Finally, you may also search to find the machine you need to produce a specific textile product. This extensive product locator service is only provided by VDMA. On the website of VDMA you will also find useful information on textile machinery and the latest technological innovations to make your business competitive in the World Market.

Spinning Technology - October 30, 2002

**SUESSEN EliTe@CompactSet -
The Future in Ring Spinning**
**Ioannis Spiridopoulos,
SUESSEN, Spindelfabrik Suessen,
Schurr, Stahlecker & Grill GmbH**



SUESSEN is a German company with more than 300 employees. The company develops, designs and manufactures spinning components and spare parts for rotor spinning machines, ring spinning and roving frames. SUESSEN developed, designed and manufactured all SpinBoxes SE 6 to SE 10 and is the OEM (original equipment manufacturer) of the spinning components and spare parts for Autocoro SE 7 to SE 10. SUESSEN is specialised in modernization and conversion (retrofit) of ring spinning machines, roving frames and Autocoro rotor spinning machines.

Until now, more than 50,000 ring spinning machines and roving frames and 600 rotor spinning machines have been modernized to the entire satisfaction of the customer. The product range comprises multiple ring spinning and rotor spinning systems
Ioannis Spiridopoulos, Textile Engineer, joined SUESSEN in 1990. In 1999, he became Vice President Sales. Here in Bangladesh he will talk about the production technology of Compact Ring Yarn. In his speech, he will refer to the new quality standards of ring yarn due to the Compact Ring Spinning Technology, the advantages of the Compact Spinning Technology for the production of ring yarn in the spinning mill and the advantages of Compact Yarn in the downstream production processes. He will introduce the technique of the EliTe@Compact Spinning System, as well as the technique of the EliTe@CompactSet - the fast upgrading of conventional ring spinning machines with the new Compact Ring Spinning Technology.

Economical Finish Winding of Sewing Thread
**Peter Fischer-Fürwentsches,
HACOBA Spultechnik GmbH**



HACOBA Spultechnik GmbH has grown from the narrow weaving textile mill, Halstenbach & Co in Barmen, Wuppertal. HACOBA developed the first automatic 4-Spindle Winder for own use and today offers a full range of well proven and reputed winders for special applications like Sewing Thread, Braider Bobbins and other special applications. HACOBA's Product Range includes the Thread King (fully automatic sewing thread winder for cones or Kingspools), the Thread Master (semi-automatic sewing thread winder), the Eco Thread (semi-automatic sewing thread winder offering highest flexibility), the BicoThread (automatic winder for biconical packages and 4-Spindle winders in different executions for special bobbins. Today HACOBA Spultechnik GmbH is integrated in the activities of the Schweiter Textile Group with its Sister Company SSM Schärer Schweiter Mettler AG and SSM Stähle Eltex. Speaker Peter Fischer-Fürwentsches has been sales director and managing director at textile machine manufacturers, and since 1999 is managing director of HACOBA Spultechnik GmbH. In his speech, he focuses on the economical production of sewing thread. Manufacturers of sewing thread are challenged by today's markets with regard to:

Quality: precision wound bobbins with the right and consistent oiling which give best performance on today's high speed sewing machines

Flexibility: different length and shapes for cones or kingspools depending on changing markets, plus short delivery times for a big range of colors

Productivity: low production costs, low downtime

HACOBA Spultechnik GmbH has specialised in winding and understands the requirements. Hacoba offers solutions with a wide and flexible range of products matching today's market requirements.

Rieter Drawing Technology - High Quality for your Benefit
**Jürgen Müller,
Rieter Ingolstadt
Spinnereimaschinenbau AG**



Rieter is a global acting group, whose leading position in system solutions and services for the textile and automotive industry is highly appreciated. The company is organized in two divisions Rieter Textile Systems and Rieter Automotive Systems. Rieter Textile Systems develops and produces machines and integrated systems for the processing of fibres to yarns, as well as the production of synthetic fibres. Rieter Automotive Systems develops systems and manufactures products for noise and heat protection for the automotive industry. "Comfort thanks to Rieter" is the slogan of Rieter's overall concept. Therefore, product development is oriented to the preferences of the end customer. By means of products with easy installation, operation and maintenance, Rieter comfort should be generated to its customers. To meet these needs, Rieter focuses on developments in partnerships. Communication is of central importance. Rieter is present in more than 60 locations in Europe, Asia and America. In Bangladesh, Mr. Jürgen Müller, the product management drawframe at Rieter Ingolstadt, will inform the textile experts in the latest developments of Rieter Drawing Technology. According to Mr. Müller, the

RSB-D 35 exceeds the performance of its predecessor models, as well as of competitor drawframes. It is especially the long-term count stability which is unmatched. The high sliver quality and the considerably improved running properties in downstream processing, result in overall economic benefits, that greatly exceed the cost of replacing older machines.

New Rieter Rotor Spinning Machine - Basis for Profitable Rotor Spinning
**Dr. Stephan Weidner-Bohnenberger,
Rieter Ingolstadt
Spinnereimaschinenbau AG**



The name Rieter Ingolstadt Spinnereimaschinenbau AG stands for quality, comfort and customer orientation. These rules of the Rieter group are also the background for the topic of the lecture of Dr. Stephan Weidner-Bohnenberger. The product manager for rotor spinning machines at Rieter points out, that "For years the rotor spinning machines from Rieter have been trend-setting in their automation concept. This guarantees high availability of the machines and thus a high machine efficiency. Additionally, big formats of cans and packages are significantly reducing the frequency of changes and with that are reducing the personnel expenses for transportation in the spinning mill".
When speaking about the newly developed rotor spinning machine R 40, Dr. Weidner-Bohnenberger will present additional advantages, which arise by implementing the new spinning box SC-R into this machine concept. This combination became possible after the takeover of great parts of the Suessen Group by Rieter in 2001. The new spinning box includes the latest developments in spinning technology which provide the basis for improvement of yarn quality and productivity. The unique piecing technology allows to produce an excellent piecing quality, which also effects a high performance in weaving and knitting. Intelligent details in operation allow a high flexibility with little machine downtimes.



Chemical Fibre Technology - October 30, 2002

Latest Technology in PET Filament Spinning and Texturizing
Manfred Jander & Klaus Felderhoff,
Barmag AG

Barmag | SaurerGroup



Barmag AG, Remscheid, founded in 1922, is a leading global player in the area of spinning machines for nylon, polyester and polypropylene, as well as texturing systems with more than 3000 employees world wide and revenues of around Euro 450 million. The core competences, include spinning and texturing systems, as well as the production of the corresponding components such as take-up heads, pumps and godets.

The Barmag R&D Center - the largest of its kind worldwide - focuses on the development of innovative and technologically leading products of tomorrow.

A comprehensive after-sales service rounds off the company's range of products. The main markets being in Asia, particularly China and Taiwan, as well as in America and Europe.

The company is represented with production, sales and service organisations in 120 countries.

Since April 2000, Barmag has been part of the internationally active Saurer Group and

hence part of the global leader in textile machine manufacturing for manmade and natural fibres.

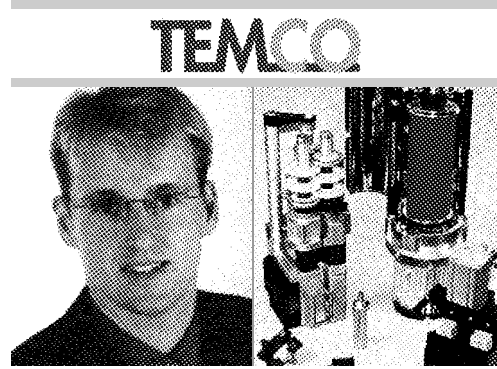
The lecture of Mr. Manfred Jander (sales manager for texturing machines responsible for markets in Europe, the Middle East and India) and Mr. Klaus Felderhoff (sales manager for spinning machinery, today responsible for markets in Europe, India, Bangladesh and Middle East) is entitled: "Latest Technologies in PET Filament Spinning and Texturizing". They will talk about important aspects for filament producers: To reach a position of uppermost flexibility with minimum production cost in the heavily disputed market. Therefore the demands on reinvestments are: less production costs for commodity yarns, higher productivity of the lines and machines, higher flexibility of process or product respectively, improved quality, less waste, production of products for niche markets and production of speciality and ply yarns on Barmag DTY machines

In order to meet these requirements, Barmag has worked on concepts to increase production speeds, as well as number of threadlines per spinning position or per winder, respectively.

TEMCO - High Efficiency Components for Textile Machines

Marc Zenses,
TEMCO Textilmaschinenkomponenten GmbH

TEMCO is a German producer of high efficiency mechanical and electronical compo-



nents for textile machinery, in particular for the production of synthetic yarns.

Until 1993, the company was part of the FAG Kugelfischer group, a world famous producer of ball bearings. Today, there are 220 people employed in TEMCO. Its components are used in manifold textile processes for the production of synthetic filament yarns: TEMCO's product program includes friction units, friction discs, air jets, online quality testing systems and twist stopper for texturing (DTY), textile spindles for covering and twisting, air jets for processing of textiles and technical yarns, and bearings for textile machines.

TEMCO is a service oriented company which offers its high-tech consulting abilities to the quality oriented customers. Their products give advantages to the textile machine manufacturers, as well as to yarn producers, who set their focus on special yarn products like micro and fancy yarns. Especially here TEMCO creates benefits to the customers with its quality products "Made in Germany".

The speaker here in Bangladesh is Marc A. Zenses, Business Economist and Product Manager for Air Jets, TEMCO GmbH. He will

talk about "High efficiency components for textile machines". "Today, the requirements for processing of filament yarns are increasing in such a way, that the production of yarns has to fulfil quality-oriented demands", explains Zenses. Whether in spinning, drawing or texturing, yarn quality plays a central role for subsequent yarn processing. The choice of the suitable yarn manufacturing components depends on the yarn, textile processing and subsequent yarn processing.

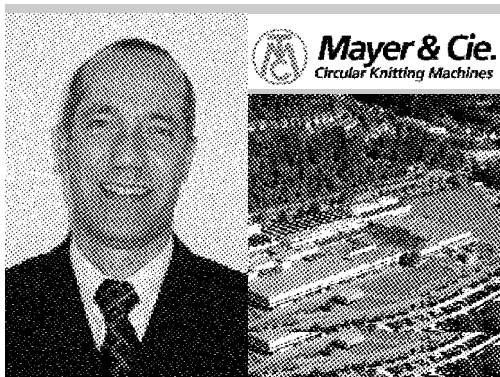
According to this, TEMCO offers a wide range of mechanical and electronical components, which comply with the requirements of yarn manufacturers regarding the aforementioned parameters.

In the field of texturing, TEMCO offers dynamic components that improve the manufacturing process. In the field of covering, TEMCO offers hollow-spindles for covering machines with tangential- and tape drive, which have been developed to enable a better and more economical process in the covering of elastic core yarns with filament or staple yarns. In the field of air interlacing, TEMCO presents a wide spectrum of innovation for the processes of texturing, spinning, draw-warping, draw-twisting, and BCF.

TEMCO's bearing elements for the entire textile industry - like separator rollers, pressure or nip rollers, bearings for texturing units and so on - allow for greater rates of production by providing process stability and yarn quality. TEMCO will introduce you to their products and technologies. At the end of the lecture you will know about the textile processes being covered by TEMCO and the solutions TEMCO offers for your individual needs.

Knitting Technology - October 30, 2002

The Circular Knitting Machine - A Production Unit
Rudolf Crass,
Mayer & Cie. GmbH & Co.



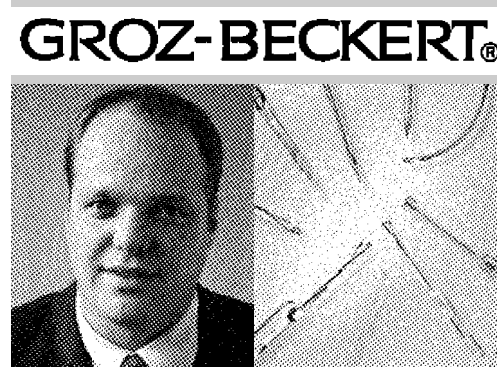
Mayer & Cie. was founded in 1905 and is today world market leader in the sector circular knitting machines, with a product program of about 50 machine types in single and double jersey, as well as electronic and mechanic machines.

The company has a worldwide sale in approx. 100 countries with more than 80 representatives and a worldwide local service. Up to now the company has supplied approx. 55000 circular knitting machines.

Rudolf Crass has worked for Mayer & Cie since 1996 as Area Sales Manager, responsible for Africa and various countries in Asia and Southeast Asia. In his speech he will focus on the history of the company, the machinery programme and the Circular Knitting Machine as a production unit.

Groz-Beckert Needle Innovations
Jörg Schairer,
Groz-Beckert KG

After its foundation in the year 1852, the traditional company Groz-Beckert developed to become one of the leading international companies in the field of production techno-



logy of needles and precision parts for the production of textile fabric. World-wide 8,000 people are employed in countries such as Germany, Portugal, the Czech Republic, Canada, India, and China. With its numerous affiliated sales companies a turnover of 443 million EURO was achieved in 2001. Groz-Beckert products are sold in more than 150 countries.

The production range contains knitting and springbeard needles, industrial sewing machi-

ne needles, shoe machine needles, felting needles, tufting needles and modules, as well as healds, heald shafts, warp stoppers and drop wires. Furthermore Groz-Beckert offers "Ceramic Punching Components" (CPC), high-tech products comprising hard metal precision parts and tools used in the computer and telecommunications industry.

In Bangladesh Groz-Beckert is represented by Banani Overseas Ltd. (House No. 23, Road 7, Block-G, Banani Model Town, Dhaka).

The presentation from Mr. Jörg Schairer will focus on different topics: He will give a historic summary; from the foundation of the company in the year 1852 to the 150 year anniversary in 2002. Furthermore he will show the Groz-Beckert Needle Innovations and Problem Solutions (e. g. the meander low profile needle and the plastic-filled double low profile needle) and the influence of yarn qualities on the needle lifetime.

Cooperating Associations & Partners

Bangladesh Garment Manufacturers & Export Association (BGMEA) at a Glance



Starting in the late seventies as a small non-traditional sector of export, Ready-made Garment (RMG) emerged as a promising export earning sector of the country by the year 1983. Bangladesh at that time lacked a sectoral trade body, non-government in nature, free from traditional bureaucracy, to help the sector to boost up the country's foreign exchange earnings. As a result, 1977 marked the birth of BGMEA. Since its humble inception with only nineteen garment manufacturers and exporters, BGMEA has grown into a strong and dynamic body. Today it is proud to have approximately 3500 garment manufacturers and exporters as its members.

The fundamental objective of BGMEA is to establish a healthy business environment for a close and mutually beneficial relationship between the manufacturers, exporters and importers and in the process, ensuring a steady growth in the foreign exchange earnings of the country. To this end, BGMEA has been playing a very strong role to lead the industry in concurrence with the government.

Bangladesh Knitwear Manufacturers and Exporters Association (BKMEA) - Knitwear for the World from Bangladesh



The knitwear industry has become an important part of the textile sector in Bangladesh. As many of its products are further processed by the Ready Made Garments industry (RMG), the knitwear industry adds to the backward linkage of the RMG sector and thus increases the foreign exchange retention rate of the RMG exports. Some importing countries like Germany, buy a major part of their knitwear from Bangladesh. The labour intensive production of the knitwear industry also has created numerous employment opportunities in several urban centres of the country.

The Bangladesh Knitwear Manufacturers and Exporters Association had been formed to represent the interests of the knitwear industry. Based in Narayanganj near Dhaka, one of the country's knitwear centres, the Association represents many of the important knitwear producers, which serve both the domestic and the overseas markets.

Bangladesh Textile Mills Association (BTMA) - Substantial Progress in the Textile Economy

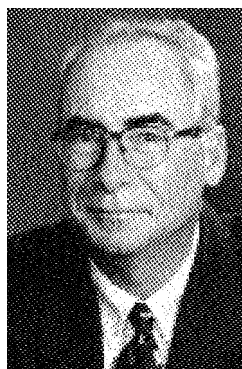


The textile sector has contributed enormously to the social and economic growth of the nation. This has resulted in considerable attainment in the form of higher foreign exchange retention, helping in enhancement of foreign exchange reserves. It has assisted in the phenomenal growth of the Ready-Made Garment (RMG) sector, by giving backward linkage support.

The Bangladesh Textile Mills Association (BTMA) is the single largest trade organization with the objective of developing a strong manufacturing base in Bangladesh.

The association is representing the most potential manufacturing sectors with the highest investment in the country. Considering its contribution in the national economy, the importance of BTMA has increased manifold. As an apex body of the yarn, fabric manufacturers and textile product processors, the obligation of the association is to extend all sorts of support and cooperation to new entrepreneurs and the concerned departments of the Government for development of this growing sector.

Bangladesh German Business Forum



Dr. Peter E. Albrich

In recognition of the private sector's ability to contribute towards achievement of the goal of socio-economic developments and self reliance of the nation, the Government has implemented policy

reforms to create a more open and competitive climate for both foreign and local investments and trade. To share the responsibilities entrusted upon the private sector and to contribute towards achievement of the desired goals, the Bangladesh-German Business Forum has been established and also recognised under the Trade Organisations Ordinance and registered under the Companies Act.

Bangladesh's substantial reserve of adaptable and youthful labour force together with Germany's wealth of technical know-

how, is constantly proving to be a winning combination. In fostering the combination further, the main objective of the organization is to provide a forum to trade and industry not only to facilitate exchange to views and ideas but also to project views based on representative discussion.

Accordingly, the objectives of this organization are such as to promote and strengthen economic cooperation between Germany and Bangladesh particularly in the private sector and to provide facilities to persons interested in economic transaction such as trade, commerce & industry between Germany and Bangladesh. The Bangladesh-German Business Forum organizes visits of business delegations from Germany, as well as visits of business delegations from Bangladesh to Germany with the aim to promote German products in Bangladesh, as well as to promote the products of Bangladesh in Germany.

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At a Glance

German Textile Machinery Symposium
Date: 29. - 30. October 2002
Location: The Pan Pacific Sonargaon Hotel, Dhaka, 107 Kazi Nazrul Islam Avenue
Times:
October 29, 2002: 9:30 - 18:30 h
October 30, 2002: 10:00 - 15:45 h
Reception of the Embassy of the Federal Republic of Germany:
October 29, 2002: 19:00 h

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