



Mr. Fritz Moser.



Mr. Georgios Katis.



Mr. Lukas Castulik.



Mr. Silvano Rufo.



Mr. Ioannis Spiridopoulos.



Ms. Ariane Kunzli.



Mr. Ahmed S. Ghauri.



Mr. KM Azeem.

RCO Group Symposium/Road Show

RCO Group in association with Al Ameen Trading Corporation Pvt. Ltd. and Associated Textile Consultants organised a series of Roadshows in Karachi (25th September 2017), Multan (27th September 2017) and Lahore (29th September 2017) to introduce new and existing technologies from Bracker, Graf, Novibra and Sueszen to the textile industry of Pakistan.

The event was attended by a large number of textile professionals, mill owners, CEO's and managers. A delegation from RCO Group comprising of Mr. Silvano Rufo, Mr. Fritz Moser, Mr. Georgios Katis, Mr. Ioannis Spiridopoulos, Mr. Lukas Castulik and Ms. Ariane Kunzli presented their company and product information to the attendees.

Mr. Ahmed S. Ghauri, Director, ATC started the event with the recitation of Holy Quran and while introducing ATC, he also highlighted the history of ATC.

He said, "ATC was established in 1964 and since then we are providing best textile technology to the textile industry of Pakistan. We focus on long-term relationships with global partners

and operations from textile services to textile components."

Mr. KM Azeem introduced Al Ameen Trading Corporation Pvt. Ltd. He said, "The family of Al Ameen has a history of four generations. Al Ameen as one of the oldest textile machinery representatives in Pakistan has recently celebrated its 70th Anniversary."

Mr. Silvano Rufo said; "Rieter is the world's leading supplier of systems for short-staple fiber spinning headquartered in Winterthur, Switzerland manufacturing machinery, systems and components used to convert natural and man-made fibers and their blends into yarns. We have 18 manufacturing locations in ten countries with a global workforce of around 5,230 workers."

He added, "With a global sales and service organisation and a strong presence in the core markets China and India, Rieter as a market leader is well positioned in the global competitive environment. Rieter is the only supplier worldwide to cover spinning preparation processes as well as all four end spinning processes currently established on the market. Around 94 million tonnes of fiber (cotton, polyester or viscose) are processed annually around the world, (clothing, technical textiles or household textiles). Fiber consumption is growing with the world population and disposable income, on average at around 2 to 3% per year."



A group photo taken after Karachi event 25th September 2017

"Rieter comprises of three business groups: Machines and systems (profitable system, convincing technology and supportive partnership), after sales (service competence, sustaining value and solution provider) and components (components for ring spinning, spinning preparation, spindles and spindle bearings, winding solutions and drafting units, compact spinning EliTe®, OE and airjet boxes, OE premium parts."

"A total of more than 250 million spindles equivalent are used worldwide to produce yarns from 47 million tonnes of staple fibers. Every year, equivalents between 11 and 15 million spindles are installed worldwide. In 2016, Rieter delivered 1.83 million spindles equivalents. The production capacity for producing yarns from staple fibers is measured in spindle equivalents. The production capacity of a ring spindle serves as the basis. The world market for staple fiber machines, which is relevant for Rieter, has an annual volume of CHF 3200 to CHF 4000 million. Rieter is the market leader with a market share of around 30%."

Mr. Rufo concluded, "Rieter Business Group Components is the world's leading supplier of yarn processing systems and technology components along the textile chain. Technology components are parts of the spinning machines that come into contact with the fiber/yarn during the short staple spinning process, influence the process substantially in terms of yarn quality and machine performance and are periodically replaced due to wear and

tear. Yarn winding systems are part of the downstream process that enhances yarn quality and characteristics according to the further downstream process requirements."

Mr. Fritz Moser said, "Bracker was established in 1835 and the first product for the spinning industry was manufactured in 1937. Now, almost every compact spinning machine is equipped with Bracker TITAN rings."

While briefing about Bracker product range, he added: "Bracker ORBIT rings have large contact surface between ring and traveller, reduced specific pressure and optimum head conduction traveller to ring. The Bracker redORBIT rings are for Chinese ring frames with a standard size of 54 mm."

The application range of T-Flange includes: Yarn counts Ne 4 to 300 for spinning all kinds of fibers, natural as well as man-made and for regular and compact spinning. The application range of ORBIT rings: Yarn counts Ne 20 to 140 for cotton, PES and Cotton/PES blends for spinning at highest speeds with excellent heat dissipation PEC/synthetics and lower tension variation.

The best results with the ORBIT ring/traveller system are obtained with combed cotton, polyester/cotton blends and 100% polyester in the yarn count range from Ne 30 to Ne 60 (coarser of finer yarns also possible). The main requirements for optimal functioning of the ORBIT ring/traveller system are good

roving preparation and well controlled ambient condition in the spinning mill. The travellers can be inserted with the Bracker RAPID traveller inserting tool, which reduces the downtime at traveller change.

The customer benefits of ORBIT and redORBIT rings include an increase in the speed and thus production with up to 15% is possible the higher stability in traveller running and longer traveller service life. It leads to a reduction of yarn breakages with consistent and improved yarn quality including core yarn. The big advantage is there is no thermal damage to fibers / soft core when processing synthetics.

The STARLET/STARLETplus has electrolytic surface treatment (special nickel plating). The STARLETplus considerably reduces the risk of early groove formation and gives optimal resistance against corrosion as it is an upgrade of the well established STARLET coating. The advantage of STARLETplus is extended traveller service life of up to +50% and excellent price-performance ratio and constant yarn quality values over the entire extended traveller service life. It is especially recommended for Viscose and CO/CV blends, for PES and dyed fibres. It is suitable for entire yarn count range.

Whereas, Bracker SAPHIR has diffusion treatment with deepening effect. PYRIT has diffusion treatment. ZIRKON is a steel traveller with ceramic coating. The ONYX traveller has the highest output of

today's standard (OPS counts) with a highest efficiency rate of RSM, is a key to the profitability.

The modern RSM allows for the operator to increase spindle speed to new levels. A high tech surface treatment creates new potential to optimize spindle speed and traveller lifetime.

With ONYX, successful spinning means the best balance of output and costs and consequently, the optimal balance of rpm (+1000) and traveller service lifetime (+50%).

The Bracker BERKOL® multigrinder MGL is a grinding unit for the semi-automatic grinding of preparation cots and for the automatic grinding of ring compact spinning and roving top rollers. Efficient operation is due to optimized ergonomics and the safety features correspond to the high requirements of the European CE standards.

The Bracker BERKOL® multigrinder MG is a grinding machine for the semi automatic grinding of preparation cots. The grinding with top roller attachment for roving, ring and airjet spinning top rollers as well as grinding on a mandrel for OE nip rollers.

The BERKOL® 63 cots for spinning of combed or carded cotton provides outstanding yarn values throughout an entire lifetime, excellent fibre guidance due to the softness of compound and attractive grinding cycles with no lapping tendency.

Mr. Georgios Katis said, Graf located in Rapperswil near Zurich, is the leading manufacturer of clothings for flat cards and roller cards. The Graf product range



includes an all-encompassing selection of metallic card clothings for flat cards. Furthermore, the universal application is ensured by a variety of alloys and specifications as well as surface treatments. Graf metallic card clothings are suitable for applications on cards from various manufacturers and technologies.

Graf manufactures everything from the foundation material and carding wire to the finished clothing. This high level of vertical integration allows us to maintain our quality standards throughout the entire manufacturing process. That is reflected in the precision with which our products operate, elaborated Mr. Katis.

The Graf high-performance circular combs enable an optimal combing process on all combers. The distribution of the points and the innovative tooth geometry assure optimal selection of fibres, which results in a reduction of neps and thick and thin places. The specific

steel quality with the subsequent surface treatment ensures for a long service life and considerably increases the economic efficiency of the combing process.

The Graf high-performance top combs are perfectly complementing the Graf high-performance circular combs. Thanks to the special configuration, precision and subsequent surface treatment, a production increase can be realised while keeping the results the same, or improved results if maintaining the same production.

The Graf product range also includes a comprehensive selection of metallic card clothings for blowroom openers. Optimal application is ensured by a variety of machine-specific metallic clothings as well as surface treatments. Graf metallic card clothings are suitable for application on blowroom openers from various manufacturers and technologies.

The comprehensive range of Graf service machines takes the individual requirements of customers into account. These precise and robust machines are suitable for the maintenance of clothings on flat cards and roller cards of all manufacturers. Perfectly matching the geometries of Graf clothings, the flat cards and roller cards can be quickly clothed and maintained with the Graf service machines.

Mr. Lukas Castulik during his presentation said, "Novibra, the leading company in spindle technology and the biggest exporter of spindles worldwide. Our NASA HPS 68 insert design equipped with second damping system for vibration and noise absorption. It is recommended for speed above 20,000 RPM."





Talking about new CROCOdoff, he added, "It is a clamping device for auto doffing machines. New CROCOdoff ensures improved cutting of the yarn and minimizes problems associated with automatic doffing and start up. The machine contamination is minimized (no yarn underwindings) which leads to a reduction of yarn breakage during startup. Other benefits are reduction of material loss, a reduction of energy consumption and reduction of maintenance costs (less cleaning)."

Spindle LENA has been designed for the highest speeds with tube length up to 200-210 mm. Its main aim is to achieve lower energy consumption. LE stands for Low energy consumption and NA stands for Noise absorption. LENA is equipped with double housing bolster featuring unique and well proven Noise Absorption System Assembly (NASA) that ensures minimum neck bearing load, vibration and noise level at high speeds.

Original NOVIBRA equipment - oiler LUBRICO with a recommended adaptor. Forced lubrication cleans bolster properly and avoids air bubbles in the oil.

Mr. Ioannis Spiridopoulos, while explaining the features of Suessen EliTop Advanced said, "Its advanced housing can be used upside down as top and bottom part of the housing are technologically identical indicated by red and yellow colour. EliTop Advanced is turned after use (flip-over) directly in the top weighing arm position - with practically no logistic effort. The customer can benefit from the improved usage by a factor 2.6 and reduced buffing and handling in the workshop by 50%.

All EliTube Advanced have off-centre suction slots and right-slanted suction sides. Due to new insert Micramics the insert made of highly wear-resistant ceramic material. The specially designed micro structure surface supports spinning stability and reduced wear on lattice apron up to 15% on the inner surface.

The new BLACKline SC+ Little Apron has improved wear resistance up to 20% hence longer lifetime, improved workday life in rough spinning mill conditions and excellent antistatic behavior. The new surface structure of the lattice apron due to special treatment, reinforced edges and low yarn quality variation.

The new suction head type Pelican consists of two parts - end piece and mouthpiece are clipped together and can easily be separated for cleaning purposes. Due to the higher suction power at the headstock, the customers report much fewer cloggings of the tube.

Other advantages include less fluff in the spinning department, cleaning is necessary only after 2-3 months and suction tube remain unchanged, which can be reused when changing to head type Pelican.

Mr Spiridopoulos also shared a South Indian customer testimonial highlighting the benefits of Suessen EliTe@CompactSet.

He said: "The South Indian customer reported a production increase of 10% over normal ring yarn. Elite@Yarn is superior in CSP, hairiness and IPI values."

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There are no spirality complaints from the knitting customers or blockage in the dye vessels. The reduction of end breakage by 2/100 spindles hours with higher yarn realisation. The lower end breakage and much less fly in the department results in better work environment and hence higher workers satisfaction. Suessen has sold over 10,000,000 EliTe@Spindles worldwide." ♦



Glimpses of RCO Group Symposium

