Press Release / Internet News

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Hall E 1 / Booth D 31

Bräcker, Graf, Novibra and Suessen – Experience the difference

The 4 companies Bräcker, Graf, Novibra and Suessen joined their sales forces, uniting the world’s leading brands for the supply of technology components to the textile industry, forming the only global provider of components for all spinning technologies. At ShanghaiTex 2013 the latest development to improve fibre yield and productivity will be presented.

Bräcker OPAL® Spinning-Rings – the SWISS solution;

Custom-built exclusively for Chinese ring spinning frames

The Bräcker OPAL® ring is the answer to the demands of today’s fast paced spinning industry, where the spinning mills have to work with very tight cost control, whilst adapting quickly to the ever faster changing markets.

The Bräcker OPAL® features the following advantages:

- they are custom-designed and suitable exclusively for Chinese ring spinning frames
- they produce best possible yarn quality
- they do not require a special running-in time
- they offer high productivity from the very installation of the ring
- they feature an attractive price / performance ratio
- they correspond to Swiss Bräcker quality parameters
- they are designed for a lifetime of about 5 years

In combination with Bräcker travellers, it produces yarn qualities which customers are used to achieve only with the well-known Bräcker TITAN ring.

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

**Bräcker Ring / Traveller systems - with best value for money**

Our continuous efforts in developing new travellers, in response to new requirements, allow us to constantly introduce new travellers to optimize productivity and efficiency of the most modern ringspinning machines.

Bräcker will also exhibit the proven accessories such as:

- **TITAN** and **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**
- **BERKOL® supergrinder grinding machine**

Bräcker OPAL Spinning Ring – Custom-built exclusively for Chinese ring spinning frames

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**Graf + Cie AG**

As a renowned partner supplying premium components for key processes in the short staple spinning industry and nonwoven applications, Graf is the leading manufacturer of metallic card clothing, stationary flats and flexible flat clothing, circular - and top combs for most major producers of carding and combing machines, roller cards as well as spinning mills. Graf provides added value to customers spotlighting convenience at work, superior performance and focusing on high quality yarn output.

**Hipro metallic wire**

Thanks to innovative geometry, excellent material and firstclass processing, Hipro metallic card clothings ensure top performance and precision together with an exceptionally long working life. Hipro metallic card clothings are suitable for all standard man-made fibres in the nonwoven sector and also for wool. They can be used on the following rollers: doffer, worker,
stripper and condenser rollers. These excellent, robust clothings are available with normal profile and as interlinked clothings.

**Resist-O-top flexible flat clothing**

The resist-O-top generation of flexible flat clothings for processing of cotton, man-made -, and regenerated fibres as well as for blends and swing applications is another of Graf & Suessen innovations with a noticeable impact in the market. The resist-O-top setting pattern favours the extraction of short fibres and trash as well as the elimination of neps. This flat series is progressively set without straight gaps between the rows of teeth. The wire dimensions for all C and M-types are selected with a difference of 5 numbers. The whole range of flats is available for all different types of cards.

**Ri-Q-Comb for Rieter E80 comber**

The latest series of circular combs is exclusively designed for the new combing machine of Rieter type E80. The comb with a design that takes into account latest technological developments and requirements has a much enlarged combing area in excess of 130° and will be available in three versions. The range of the new combs is as follows: Ri-Q-Comb i400 for short and medium staple, Ri-Q-Comb i500 for medium and long staple and Ri-Q-Comb i700 for very long staple. The obvious benefit of the new series of combs to the customer is the marked improvement in quality and production!

**Novibra Boskovice s.r.o.**

Novibra is the leader in spindle technology and the only 100% in-house spindle maker. In 1988 the revolutionary HPS design changed the classical ring spinning and opened new prospects for spinning in speed up to 25 000 RPM. Till now this design maintains unbeatable position and becomes synonym for high speed spindle design.

A wide range of spindles has been developed to meet all requirements of yarn producers and spinning machine manufacturers world-wide. Beside complete spindles Novibra supplies also individual inserts and thus also other spindle brands are equipped with Novibra technology. Almost all renowned manufacturers of ring spinning machines specify Novibra spindles for high performance. Novibra has always been focused on reduction spindle vibrations, higher speed, constant yarn quality, low maintenance and longer life time.

**NASA HPS 68** spindle has become a new standard for highest speeds and requirements for modern spinning mill needs. Double housing NASA HPS 68 spindles feature unique Noise Absorbing System Assembly that ensures top performance with minimum neck bearing load, vibration and noise level even at speeds above 20 000 RPM. NASA HPS 68 is the most used spindle in premium spinning machine.

The high performance of spindles on modern automated ring frames requires state of the art clamping device for an effective and reliable doffing.

New Novibra clamping crown CROCOdoff ensures improved cutting (no yarn underwindings) and brings the reduction of yarn breakage during start up. Others benefits are reduced aterial loss, lower energy consumption and reduction of maintainance costs (less
cleaning). Improved CROCO teeth design further evolves well proven solution of clamping of yarn. The machine contamination is minimized, no uncontrolled yarn-end flying leads to reduction of yarn breakage at start up and also to reduction of energy consumption. Reliable clamping and yarn cutting brings considerable advantages to the spinners during doffing. CROCOdoff has been designed for use on new machines as well as for old machines upgrade.

In field testing is going on successfully with various manufacturers of branded ring frames. Good results are giving an optimism that CROCOdoff has a good future.

**Spindelfabrik Suessen GmbH**

**SUESSEN is the acknowledged Leader in Open-End Rotor Spinning and Compact Ring Spinning Technology.**

The well-known Open-End SpinBoxes SE 7, SE 8, SE 9 and SE 10 were developed and manufactured by SUESSEN. The latest SpinBox generations, SC and SQ series, are delivered to the manufacturers of rotor spinning machines Rieter in Switzerland and Savio in Italy, but also retrofitted into existing rotor spinning equipment. In total, SUESSEN has manufactured over 3,000,000 SpinBoxes.

SUESSEN’s EliTe®Compact Spinning System has been sold for over 6,000,000 spindles and has established itself as the most versatile compact ring spinning system. Existing ring spinning machines of various manufacturers can be upgraded to compact spinning, using SUESSEN EliTe®CompactSet.

At SUESSEN, we feel that we are truly able to differentiate our products from those of the competition. In the upcoming ShanghaiTex 2013, we want to demonstrate:

**Our Technology Leadership in spinning**
The many benefits we provide for our customers in terms of improved technology and productivity

Impressive return on investments achieved by the acquisition of modernization packages

We make considerable investments in continuous R&D, combined with applied research that is directly carried out at our customers’ mills. This ensures that we are able to further develop our technical and technological components in both an uncompromising and resolute manner. In particular, we focus on universal applicability, improved yarn quality, increased service life, reduced maintenance and proven reliability in industrial application.

**ShanghaiTex Show Highlights**

**EliTe®CompactSet V5**

HP-GX 3010 Top Weighting Arm for short-staple ring spinning machines

HP-GX 4010 Top Weighting arm for roving machines

**ACP Quality Package** with new PINSpacer NT and

the NEW EliVAC-CDS vacuum system

Premium Parts - Spinning Components and Spare Parts

**EliVAC-CDS - Central Duct Solution**

The central suction duct is located on top of the ring spinning machine, the vacuum is generated by one motor with filter box. The main advantages are:

- Easy and fast installation
- No rotating drive shafts, pulleys, belts, bearings...
- No individual fans for groups of EliTubes
- Less energy consumption by approx. 20%
- Less maintenance required
- Fewer spare parts required
- The yarn quality remains unchanged

**Worldwide we have sold over 6,000,000 units of ELiTe®Compact Spindles.**

**ACP Quality Package with new PINSpacer NT**

The Active Cradle with the PINSpacer NT improves the drafting process by an enhanced interfiber friction in the main draft zone. The Active Cradle with flexible leading edge and optimised pin position

- improves the values of the most important yarn parameters and
- is suitable for all popular top weighting arms

**Premium Parts - Spinning Components and Spare Parts** for Autocoro Rotor Spinning Machines. We show the new type of

**SOLIDRING S43 3.6** for special applications and the SpinBox SE 9 **Performance Kit**

图片:

**Graf:**

**Bräcker:**

**Hipro Clothing**

**Suessen:**

**OPAL® ring**

**Novibra:**

**ELiTe® Compact device**

**Crocodoff**