



SUESSEN, Spindelfabrik Suessen GmbH  
– CITME 2006, Beijing, China -

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**PRESS RELEASE**  
*free for publishing*

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**CITME 2006**  
**Beijing, China, October 17 - 21**  
**Hall 5, Booth i01 (Swiss Pavilion)**  
**Joint Exhibition/ Booth with Bräcker, Novibra and Graf**

### **New SUESSEN Products in China:**

- **NEW!!** HP-GX 3010 Top Weighting Arm
- **NEW!!** 5star<sup>®</sup>plus Lattice Apron for EliTe<sup>®</sup>CompactSet
- **NEW!!** QuickSpin System

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### **SUESSEN Exhibits at CITME 2006:**

#### **Compact Ring Spinning**

- Ring Spinning Machine equipped with:
  - EliTe<sup>®</sup>CompactSet-L for worsted compact spinning
  - EliTwist<sup>®</sup>
  - 5star<sup>®</sup>plus Lattice apron
  - Bräcker Spinning Rings, Novibra Spindles, Gretener Tubes

The machine will be processing 100% wool into **EliTwist<sup>®</sup> Yarn** (worsted compact two-ply yarn directly from the ring spinning machine) of yarn count Nm 96/2.

The machine is further equipped with **EliCoreTwist<sup>®</sup>** - we will demonstrate the simple processing of **EliCoreTwist<sup>®</sup> Yarn** (worsted compact two-ply **core-yarn** directly from the ring spinning machine)

- **EliTe<sup>®</sup>CompactSet-S** Drafting Model with **NEW!!** HP-GX 3010 Top Weighting Arm

#### **Conventional Ring Spinning**

- Drafting Models equipped with:
  - **NEW!!** HP-GX 3010 Top Weighting Arm for short staple ring spinning
  - HP-A 410 Top Weighting Arm for roving frames
  - HP-A 510 Top Weighting Arm for worsted spinning

#### **Rotor Spinning/ Premium Parts**

- **SQ SpinBox** Model equipped with:
  - **ProFiL<sup>®</sup>** Rotor
  - **ProFiL<sup>®</sup>** Cartridge
  - SQ SweepCat



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- **ProFiL**® Reflector
  - TrashAdapter
  
  - **Premium Parts:**
    - Spinning Components
    - Spare Parts
- for SE 7 to SE 11 Autocoro rotor spinning machines
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## **SUESSEN co-operates with JINGWEI in the field of EliTe<sup>®</sup> Compact Spinning**

JINGWEI, Chinese Leader in Spinning Machinery will be exhibiting their latest model ring spinning machine F1530; one side will be fully equipped with EliTe<sup>®</sup> CompactSet and EliTwist<sup>®</sup>. The core technology components are from SUESSEN; Jingwei manufactures the balance parts under license.

The co-operation also comprises the optional applications for EliTe<sup>®</sup> CompactSet as **EliTwist<sup>®</sup>** and **EliCoreTwist<sup>®</sup>**.

With this co-operation both companies expect to extend their business and market share in their market; also the companies will work together to deter possible infringements of their intellectual property rights for the benefit of their customers.

Both parts will strive to further enhance the leadership of the EliTe<sup>®</sup> Compact Spinning Technology in the worldwide textile market.

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## **SUESSEN, Bräcker, Novibra and Graf share a common booth**

**Welcome to the House of Brands TCC - Technology Components and Conversions**

SUESSEN, Bräcker, Novibra and Graf share a common booth in the Swiss Pavilion, Hall 5, Booth i01. Graf is a new member of the House of Brands 'TCC' and is a Technology and Market Leader engaged in the card clothing and combs business for various spinning processes in the staple fibre sector worldwide.

SUESSEN, Bräcker and Novibra are Technology Leaders in their respective fields and provide product lines that complement one another perfectly. Consequently, these undisputed technology leaders in ring spinning for drafting systems, spindles and spinning rings respectively have 'joined forces' for the benefit of our customers.

SUESSEN, Bräcker and Novibra have consistently delivered optimal solutions for yarn manufacturers demanding not only the highest quality but also cost effectiveness.

The companies are united by a mutual corporate culture, focused on considerable technical competence and are committed to exactly the same concepts as their partners in the spinning sector. As a result of this synergy, our unique technological package will provide the ideal system solution to all yarn manufacturers aiming to combine the highest quality with competitive strength.



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Our close alliance means we can guarantee unparalleled quality from one single source. A single partner delivers the strategic components and is responsible for ensuring the level of perfection from start to finish:

- optimized recommendation of specification for the RSM to meet the individual requirements of each customer
- contact limited to just one trade partner
- order management and dispatch from one source
- one service network
- one team providing one guarantee

**To further enhance upon and emphasize this unique alliance, SUESSEN, Bräcker, Novibra and Graf share a booth of 230 m<sup>2</sup> on CITME 2006 in Beijing in the Swiss Pavilion.**

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## **1. SUESSEN ... market oriented solutions ...**

At SUESSEN, we feel that we are truly able to differentiate our products from those of the competition. Our decision to participate at the CITME 2006 exhibition is based on our desire to emphasize the following:

- Our Technology Leadership in spinning
- The excellent SUESSEN product range
- 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

At SUESSEN, we consider CITME as the most important exhibition in 2006. Members of the Management, the Sales Department and their local agent **Shanghai Sanshao International Trading Company** will represent our company.

## **2. SUESSEN - The widely acknowledged Leader in Compact Ring Spinning and Open-End Rotor Spinning Technology**

At SUESSEN, we make considerable investments in continuous Research & Development, 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.

Our power in developing our products is evidenced by the most recent developments in compact ring spinning, such as EliTwist<sup>®</sup> and EliCoreTwist<sup>®</sup> and the state-of-the-art Open-End SpinBoxes for the OEMs RIETER and SAVIO.

## 2.1 Compact Ring Spinning Technology

The SUESSEN **EliTe® Compact Spinning System** was first introduced to the market at ITMA '99 in Paris. In a short space of time, it achieved a reputation as being the most versatile compact spinning system. To date, the EliTe® Compact Spinning is running on **1,700,000** ring spindles worldwide which represents almost 50% of the total market of compact ring spindles.

The EliTe® CompactSet is available for short-staple as well as for long-staple spinning. Further examples of our commitment to Technology Leadership are the recent releases of the new products in compact spinning as EliTwist® and EliCoreTwist®.

Approx. 10% of the EliTe® Spindles are already equipped with EliTwist® for production of two-ply yarns directly on the ring spinning machine with compact spinning technology, setting new quality standards in the field of compact spinning.

## 2.2 Open-End Rotor Spinning Technology

The well-known Open-End SpinBox family **SE 7/ 8/ 9/ 10** was designed and manufactured by SUESSEN. Its latest SpinBox types, the **SC Compact SpinBox** and the **SQ Quality SpinBox**, have already been used to modernize over 700 Autocoro rotor spinning machines.

The new **RIETER R 40** rotor spinning machine is equipped with the SUESSEN **SC-R SpinBox**. The new **SAVIO FlexiRotorS 3000/Duo-Spinner** rotor spinning machine is equipped with the SUESSEN **SC-S SpinBox**.

**SUESSEN designs and manufactures the original Premium Parts Spinning Components and Spare Parts for all of the above-listed SpinBoxes.**

## 3. The SUESSEN Product Range

### 3.1 SUESSEN EliTe® CompactSet

**The Compact Spinning System for existing ring spinning machines**

The Compact Ring Yarn, providing revolutionary improvements in all yarn parameters, has already established new ring yarn quality standards. Furthermore, it has proven its important cost effective advantages in the ring spinning process and in downstream processes. The result of this product is an unparalleled improvement in the quality of the textile end product.

The SUESSEN EliTe® Compact Spinning System is available as modernization packages, called **EliTe® CompactSet-S** for existing ring spinning frames in short-staple spinning and **EliTe® CompactSet-L** for existing ring spinning frames in long-staple spinning.

The EliTe® CompactSet is available for many models manufactured by RIETER, Lakshmi, Shanghai, Jingwei, Zinser, Toyota, SUESSEN, Cognetex and other manufacturers.

#### Optional applications:

**EliTwist®** production of two-ply yarns directly on the ring spinning machine with compact spinning technology, setting new quality standards in the field of compact spinning

**EliCoreTwist®** production of two-ply yarns with core yarn directly on the ring spinning machine with compact spinning technology

### 3.2 SUESSEN HP Drafting Systems The Modernization System for ring spinning and roving frames

The HP ComponentSet comprises Top Weighting Arms HP-GX and HP-A, roller stands, HP Bottom Rollers with bearings, HP-R Top Rollers with cots, bottom apron guide bars, HP-C Stability Cradles with cradle spacers and aprons etc. These modernization components are available for any brand or type of ring spinning frame as well as roving frame. Customers buying new ring spinning machines / roving frames may specify these components directly with the machine maker.

The HP Spinning Components and Parts are also available separately.

SUESSEN's **HP-A 310/320 Top Weighting Arm** for short-staple spinning has enjoyed a great success. The improvement in yarn quality over competitive designs has been the decisive success factor in the eyes of our customers. The new and refined **HP-GX 3010 Top Weighting Arm** will continue the success story.

Likewise, SUESSEN's **HP-A 410 Top Weighting Arm** for roving frames has also been hugely successful. Again, the enhanced quality this provides has been the decisive factor for our customers.

Also available is SUESSEN's **HP-A 510 Top Weighting Arm** for long-staple (worsted) spinning.

### 3.3 SUESSEN Open-End Rotor Spinning

#### SpinBoxes for OEMs:

- SC-R SpinBox for RIETER R40
- SC-S SpinBox for Savio FlexirotorS3000/Duospinner

#### Premium Parts:

- SpinBox Modernization Packages and
  - Spinning Components and Spare Parts
- for SE 7 to SE 11 Autocoro rotor spinning machines

#### 3.3.1 SC and SQ SpinBoxes Premium Parts Modernization of Autocoro Rotor Spinning Machines

With over **700** completely modernized Autocoro rotor spinning machines, SUESSEN is the leading supplier of modernization equipment for Open-End rotor spinning machines.

The **SC 2 / SQ 2 SpinBoxes** have been specifically designed for spinning synthetic fibres.

- Yarn quality is considerably improved
- An average production increase of about 25% (in some cases even 40%) and a dramatic reduction of the ends-down rate is feasible

- Rotor speeds up to (and at times exceeds) 135,000 rpm, and delivery speeds of up to 220 m/min are often achievable
- Production costs are reduced

### 3.3.2 Premium Parts Spinning Components and Spare Parts

SUESSEN Premium Parts provide the entire range of Spinning Components and Spare Parts for SUESSEN SE 7 to SE 11 SpinBoxes of Autocoro rotor spinning machines and SC / SQ SpinBoxes.

- **ProFiL**<sup>®</sup> Rotor
- **ProFiL**<sup>®</sup> Cartridge – new EverClean axial rotor bearing
- **ProFiL**<sup>®</sup> Reflector
- TwinDisc with 2 Cooling Grooves
- SOLIDRING/ Opening Roller
- Navels
- Channel Plate/ Channel Insert
- Torque-Stop
- Brake Pads
- TrashAdapter
- etc.

### 3.3.3 Premium Parts Modernization Packages

SUESSEN Premium Parts provide modernization packages adapted to individual needs:

- **ProFiL**<sup>®</sup> Cartridge – new EverClean axial rotor bearing for SE 7 to SE 10
- SweepCat trash removal system
- Electronic Yarn Detector
- Piecing-Up Package
- Package Cradle Shock Absorber
- Carbon Fibre Rod
- RK3 Cleaning Head

## 3.4 Testing Equipment QuickSpin System QSS

**QuickSpin System QSS is the approved testing equipment for clearly evaluating raw material quality.**

The system delivers data regarding cleanability, opening behaviour, cohesion and stickiness of the fibre material. It further supplies information on tendencies and influences resulting from different raw materials. It provides accurate forecasts of yarn properties and the processability and enables cost-effective compositions of various fibre materials.

For marketing, we have collaboration with SDL Atlas, the renowned name for testing equipments.



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## **4. SUESSEN Contacts**

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**SPINNOVATION** – The Magazine for Spinning Mills  
<http://www.suessen.com/4.html>

**SUESSEN Brochures and Leaflets**  
<http://www.suessen.com/47.html>

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