



SUESSEN, Spindelfabrik Suessen GmbH
– Press Release ITM 2006, Istanbul, Turkey -

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PRESS RELEASE
free for publishing

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SUESSEN Exhibiting *NEW!!* Products in Istanbul:

- **NEW!!** 5star[®]plus Lattice Apron for EliTe[®]CompactSet
- **NEW!!** QuickSpin System

SUESSEN Exhibits at ITM 2006:

Compact Ring Spinning

Cotton ring spinning machine processing 100% cotton into EliTwist[®]Yarn Ne 80/2 (compact two-ply yarn directly from the ring spinning machine)

Cotton ring spinning machine equipped with:

- EliTe[®]CompactSet-S
- EliTwist[®]
- **5star[®]**Apron

Rotor Spinning/ Premium Parts

Model of SQ SpinBox equipped with:

- **ProFiL[®]** Rotor
- **ProFiL[®]** Cartridge
- SQ SweepCat
- **ProFiL[®]** Reflector
- TrashAdapter

***NEW !!* Testing Equipment**

QuickSpin System QSS for testing fibre material:

- **NEW !!** MDTA 3 - Micro Dust and Trash Analyser
 - **NEW !!** QSU - QuickSpin Unit
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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 ITM 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 ITM as one of the most important exhibitions in 2006. Members of our Sales Department and our local agent **TEMAS** 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[®] and EliCoreTwist[®] 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 System is running on **1,500,000** ring spindles worldwide.

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[®].

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.



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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 the 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 advances 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 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 HP-A Top Weighting Arms, 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 enjoys a great success. The improvement in yarn quality over competitive designs has been the decisive success factor in the eyes of our customers.

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 SpinBoxes SE 7 to SE 11 Autocoro and SpinBoxes SC and SQ.

- **ProFiL**[®] Rotor
- **ProFiL**[®] Cartridge – new EverClean axial rotor bearing
- **ProFiL**[®] 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**[®] 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 a 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
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