



*SUESSEN, Spindelfabrik Suessen GmbH  
– Press Release IGATEX 2006, Pakistan -*

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**PRESS RELEASE**  
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# **IGATEX, Pakistan 2006**

## **Karachi Expo Centre**

### **April 26 - 29**

### **Hall 4, Booth 112**

## **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 IGATEX 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 IGATEX to be one the most important events of the year for textile machinery. Members of our Management team will represent the company at this event and they look forward to demonstrating our key capabilities.

## **1.2 SUESSEN will exhibit all of our renowned products**

- EliTe® CompactSet
- EliTwist® CompactSet
- EliCoreTwist® CompactSet
- HP ComponentSet
- SpinBox Modernization for Autocoro rotor spinning machines
- Premium Parts Spinning Components/Spare Parts for Autocoro rotor spinning machines.

## **2. SUESSEN - The widely acknowledged Leader in Open-End Rotor Spinning and Compact Ring 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 state-of-the-art SpinBoxes for the OEMs RIETER and SAVIO and the most recent developments in compact ring spinning, such as the **EliTwist®** and **EliCoreTwist®**.

## **2.1 Compact Ring Spinning Technology**

The SUESSEN **EliTe®Compact Spinning System** was first introduced to the market at ITMA '99. 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 has benefited more than **1,400,000** compact 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 SUESSEN and JINGWEI cooperate to excellent effect in the field of EliTe®Compact Spinning**

In light of this cooperation, JINGWEI offers their latest model ring spinning frame, fully equipped with EliTe®CompactSet. The core technology components stem from SUESSEN, the balance parts are manufactured by Jingwei under license.

## **2.3 Open-End Rotor Spinning Technology**

The well-known Open-End SpinBox family **SE 7/ 8/ 9/ 10** was both designed and manufactured by SUESSEN. Its latest SpinBox types, the **SC Compact SpinBoxes** 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 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**

Since ITMA Paris, SUESSEN has sold close to 1,400,000 EliTe®Compact Spindles. The new 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<sup>®</sup> Compact Spinning System is available as modernization packages, called **EliTe<sup>®</sup> CompactSet -S** for existing ring spinning frames in short-staple spinning and **EliTe<sup>®</sup> CompactSet -L** for existing ring spinning frames in long-staple spinning.

The EliTe<sup>®</sup> CompactSet is available for many models manufactured by RIETER, Lakshmi, Shanghai, Jingwei, Zinser, Toyota and other manufacturers.

#### **Optional applications:**

**EliTwist<sup>®</sup>** 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<sup>®</sup>** 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.

The HP Spinning Components and Parts are also available separately.

SUESSEN's **HP-A 310/320 Top Weighting Arm** for short-staple spinning will enjoy 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 10 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 10 Autocoro and SpinBoxes SC and SQ.

- **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.

***SUESSEN is considered by many to be the most important manufacturer of Open-End spinning components worldwide.***

### 3.3.3 Premium Parts Modernization Packages

SUESSEN Premium Parts provide small modernization packages:

- **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

***Continual ground breaking innovation is the hallmark of SUESSEN***



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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**

[Spindelfabrik SUESSEN: Technical Documentation](#)

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