



SUESSEN, Spindelfabrik Suessen GmbH  
– INDIA-ITME 2008, Bangalore, India -

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## PRESS RELEASE

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### **INDIA-ITME, Bangalore, India, November 15 – 22**

#### **SUESSEN exhibits in Hall 2 / Booth A 104**

ITME Bangalore is the event of the year in India for textile machinery manufacturers. We from the SUESSEN Management team are looking forward to welcome you and your colleagues to our booth.



#### **10 Years SUESSEN EliTe® Compact Spinning**

Here again is a real **milestone** in the long history of SUESSEN's successful contributions to the world of spinning technology:

In 1998, just ten years ago, SUESSEN delivered the first EliTe® Compact Spinning Systems to the Austrian customer Linz Textil. Thanks to him, and thanks to all of the many other customers, SUESSEN is now the leader in compact spinning technology with **more than 2,800,000 EliTe® and EliTwist® Spinning Positions** running in the world. Thereof over 1.300.000 positions are running in India.

#### **Other milestones in the history of EliTe® Compact Spinning:**

- 09/2005 – 1,000,000<sup>th</sup> EliTe® Compact Spindle
- 04/2006 – 1,500,000<sup>th</sup> EliTe® Compact Spindle
- 03/2007 – 2,000,000<sup>th</sup> EliTe® Compact Spindle
- 09/2007 – 1,000,000<sup>th</sup> EliTe® Compact Spindle into the Indian market

All these milestones give good reason to be celebrated and memorized in that precise moment, but much more they are reasons to strive even harder to continue to earn the trust of the customers!

During INDIA-ITME in Bangalore, SUESSEN will present the new EliTe® CompactSet V5 with the optional applications EliTwist® and the new core yarn attachment COREflex® (= EliCoreTwist®), processing 100% cotton into a two-ply core yarn with the yarn count Ne 120/2 at a spindle speed of 20,000 rpm.



## I. SUESSEN Exhibits at INDIA-ITME 2008 in Bangalore

Our new generation **EliTwist® CompactSet V5** will process 100% cotton into EliTwist® Yarn Ne 120/2 (compact two-ply yarn directly from the ring spinning machine). The system is equipped with

- **COREflex®** – the new SUESSEN Core Yarn System for ring spinning machines in Compact Spinning and conventional ring spinning
- **5star® Tube** – the new EliTube design
- **HP-GX 3010 Top Weighting Arm**
- **ACP – Quality Package** – better fiber guidance for better yarn quality  
ACP solutions available for top weighting arm models HP-GX, HP-A, PK type and P3-1
- **EliVAControl V.2** – Monitoring of the suction power
- **EliVario** – frequency controlled drive of the EliVAC Suction System

The new **HP-GX Top Weighting Arm Family** now is complete:

- **HP-GX 4010** – for roving frames
- **HP-GX 5010** – for worsted spinning frames

In **Open-End Rotor Spinning** our **Premium Parts ProFiL®** Family is enhanced by the

- **ProFiL® Navels**
  - Further developments:
    - Trash Channel Modernization for SE 9 Autocoro rotor spinning machines
    - SOLIDRING with CR-Coating
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## II. The SUESSEN Product Range

### 1. SUESSEN Ring Spinning

#### 1.1 SUESSEN EliTe® Compact Spinning System

EliTe® CompactSet V5-S for existing ring spinning frames in short-staple spinning

EliTe® CompactSet V5-L for existing ring spinning frames in long-staple spinning

Optional applications: EliTwist®, EliCoreTwist®

#### 1.2 SUESSEN HP Drafting Systems for ring spinning and roving frames

Customers buying new ring spinning and/or roving machines may specify these components directly with the machine maker.

- **HP-GX 3010** Top Weighting Arm for short-staple spinning frames
- **ACP Quality Package** - better fiber guidance for better yarn quality  
ACP solutions available for top weighting arm models HP-GX, HP-A, PK type and P3-1
- **HP-GX 4010** Top Weighting Arm for roving frames
- **HP-GX 5010** Top Weighting Arm for worsted spinning frames
- roller stands, HP Bottom Rollers with bearings, HP-R Top Rollers, bottom apron guide bars, cradle spacers and aprons etc.
- available for any brand or type of ring spinning frame/ roving frame.

### 2. SUESSEN Open-End Rotor Spinning

#### 2.1 SpinBoxes for OEMs - RIETER, SAVIO

#### 2.2 Premium Parts - Modernization of Autocoro Rotor Spinning Machines

- SC 1-M and SC 2-M SpinBox for Autocoro SE 8 and SE 9
- SQ 1-M and SQ 2-M SpinBox for Autocoro SE 8 and SE 9

#### 2.3 Premium Parts - Modernization Packages

- **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

#### 2.4 Premium Parts - Spinning Components and Spare Parts for SC-M, SQ-M, SE 7 – SE 11

- **ProFiL®** Rotor
- **ProFiL®** Cartridge – new EverClean axial rotor bearing
- **ProFiL®** Reflector
- TwinDisc with 2 Cooling Grooves
- SOLIDRING/ Opening Roller
- **ProFiL®** Navels
- Channel Plate/ Channel Insert
- Torque-Stop
- **ProFiL®** BrakePad
- TrashAdapter

### 3. Testing Equipment QuickSpin System QSS

- **MDTA3** – Micro Dust Trash Analyser
- **QuickSpin Unit** –
- **QuickSpin System QSS** – MDTA3 + QuickSpin Unit

### III. Further information about SUESSEN

**At SUESSEN, we feel that we are truly able to differentiate our products from those of the competition.** At the upcoming ITME Bangalore we want to demonstrate:

- 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

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### SUESSEN - The Leader in Compact Ring Spinning and Rotor Spinning Technology

At SUESSEN, 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.

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.

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### Compact Ring Spinning Technology

The SUESSEN **EliTe® Compact Spinning System** was first introduced to the market at ITMA '99 in Paris. In a short period of time, it achieved a reputation as being the most versatile compact spinning system. To date, the EliTe® Compact Spinning is running on over **2,800,000** ring spindles (08.08) worldwide which represents about 45% of the total market of compact ring spindles.

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 final result of using EliTe® Compact Yarn is an unparalleled improvement in the quality of the textile end product.

#### Latest developments are the optional applications

- **EliVACControl V.2:** Monitoring of the EliVAC suction system
- **EliVario:** frequency controlled drive of the EliVAC suction system
- **COREflex®:** the core yarn spinning system for ring spinning machines in compact spinning and conventional ring spinning
- **ACP:** the new Quality Package for HP-GX, HP-A and also P3.1

EliTe® CompactSet is available for all volume models and types of ring spinning machines.

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## Open-End Rotor Spinning Technology

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

With the **SC 2 / SQ 2 SpinBoxes** have specifically designed SpinBoxes 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

The **RIETER R 40** rotor spinning machine is equipped with the SUESSEN **SC-R SpinBox**. The **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.

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## 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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## SUESSEN co-operates with JINGWEI in the field of EliTe® Compact Spinning

The co-operation includes the optional applications EliTwist® and EliCoreTwist®. With this co-operation the companies expect to extend their business and market share in the market.

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**SUESSEN ... market oriented solutions ...**

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