

Oerlikon Textile Components

Accotex[®] Grinding Equipment Layer by layer to premium quality

Münster, May, 31th, 2010 – Oerlikon Textile Components is looking forward to offering their customers the Accotex[®] Grinding Equipment.

The innovative and flexible machine enables a frequent and autonomous grinding of cots for a consistent yarn quality and an extended top roller life time.

Nowadays grinding intervals are regulated by set grinding plans. The systematic planning of the grinding intervals has an immediate benefit on the machine downtimes, consistent yarn quality parameters and therefore on the profitability of the spinning mill.

With regards to the grinding frequency Oerlikon Textile Components indicates to consider the following aspects which have influence on this aspect:

The grinding frequency depends on the cot compound composition, the cot Shore hardness, the cot position in the drafting system, the pressure of the drafting arm, the width of traverse motion, the yarn type and count, the speed of the machine and last but not least the roving twist and general draft.

Regularly and proper cot maintenance ensures outstanding and uniform spinning results.

Therefore Oerlikon Textile Components introduced the Accotex[®] Grinding Equipment which meets all demands of the today's spinning industry and offers several advantages:

Accotex Grinder provide highest grinding precision, dimensional accuracy and a perfect surface structure after grinding for optimized drafting conditions and longer cot service life.

The modular machine system and perfectly aligned grinding accessories stand for easy machine handling and operator guidance with user-friendly software programs.

Seite 2 In order to optimize the mill productivity and profitability and in order to meet the customer's needs Oerlikon Textile Components developed a flexible machine concept which includes a fully automated and a semi-automated version. This gives the customer the opportunity to find the optimum solution for his requirements.

Furthermore Oerlikon Textile Components tenders offer a well equipped Product Portfolio.

The Accotex® Precision Grinder is available in two different automation levels: the Accotex® Precision Grinder A as fully automatic version and the Accotex® Precision Grinder S as semi-automatic version.

The modular machine concept of the fully automatic version consists of a Basic Machine, a Loading Station and a Measuring Station.

Finally Oerlikon Textile Components offers the Accotex® Grinding Service with a technician who will be placed at the customer's disposal for five days.

This service package includes the installation and commissioning of the machine, the implementation of staff training and moreover the on-site support.

The customer will find the benefits of the Accotex® Grinding Service in the achievement of perfect grinding results right from the start and in saving costs because all expenses are included as e.g. travel costs are included.

Besides the Accotex® Grinding Machines Oerlikon Textile Components possesses a portfolio of grinding accessories which includes several components.

The customer can choose between three different types of presses for the mounting and dismounting spinning cots.

The Accotex® Press basic will be available as simple and independent type, the Accotex® Press Value as the flexible and space-saving type and the Accotex® Press Premium as economical and easy to handle type.

Seite 3 Oerlikon Textile Components offers as well testing equipment which essentially serves to complement the cot maintenance.

The Accotex® Concentricity Analyzer for concentricity and parallelism testing of top rollers and bearing journals.

The Accotex® Roughness Analyzer to determine the roughness of a spinning cot. The surface roughness is influencing the yarn quality and the cot running behaviour. In general as a guideline a cot surface roughness between 0.8 and 1.0 µm is recommended for all Accotex® Spinning Cots.

The Accotex® Shore Hardness Analyzer to determine the Shore hardness of cots. Oerlikon Textile Components offers two types (Accotex® Shore Hardness Analyzer 20 and Accotex® Shore Hardness Analyzer 35) distinguish themselves between the radiuses of the working face.

About Oerlikon Textile Components

Oerlikon Textile Components with its well established product lines Accotex, Daytex, Fibrevision, Heberlein, Temco and Texparts is one of the worlds leading suppliers of quality determining components for all filament and staple fiber spinning applications.

Highest quality and reliability are the common characteristics of all products. Continuous development ensures that Oerlikon Textile Components will always strengthen its leading position as the component supplier of choice to the textile industry.

Oerlikon Textile Components with manufacturing facilities and sales offices in the Americas, Europe and Asia is headquartered in Switzerland. A global network of experienced representatives ensures prompt service and close contact with our customers in spinning mills as well as with the leading machine manufacturers.

For further information visit: www.components.oerlikontextile.com

Seite 4 **About Oerlikon:**

Oerlikon (SIX: OERL) is a leading high-tech industrial group specializing in machine and plant engineering. The company is a provider of innovative industrial solutions and cutting-edge technologies for textile manufacturing, thin-film coating, drive, vacuum, solar energy systems and advanced nanotechnology. A Swiss company with a tradition going back 150 years, Oerlikon is a global player with around 16,000 employees at 157 locations in 36 countries and sales of CHF 2.9 billion in 2009. The Company invests more than CHF 200 million annually in R&D, with over 1200 specialists working on future products and services. The operative businesses rank either first or second in their respective global markets.

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