

Oerlikon Schlafhorst

DigiPiecing - Innovative piecing technology on the Autocoro S 360

Mönchengladbach, July 2008

Piecing is the advanced art of rotor spinning. Of the 20 or so different manufacturers worldwide, only very few succeed in producing premium piecings. The piecing technology constitutes a significant obstacle in the route to the top, Oerlikon Schlafhorst overcomes it brilliantly.

Piecing technology – a core competence of Oerlikon Schlafhorst

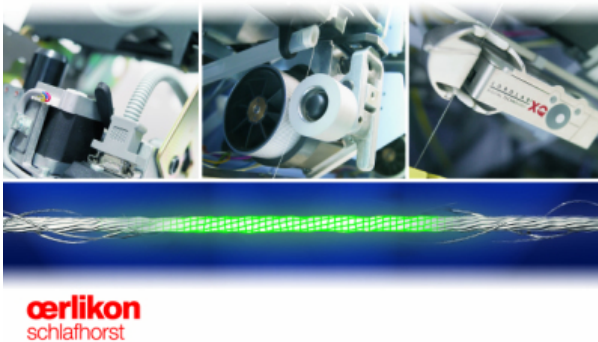
Since the first rotor spinning machine was invented, piecing has been the stumbling block with regard to quality and productivity. Now Oerlikon Schlafhorst has succeeded with the Autocoro S 360 in producing piecings at rated speeds of 130,000 rpm. This is an immense engineering achievement.

Digital precision, the guarantee of quality and productivity

DigiPiecing is the world's first piecing technology to make logical use of digital technologies and dispense with central shaft drives and mechanical switches. This reduces tolerances and rules out mechanical limitations right from the start. With DigiPiecing, all sequences for each individual spinning position are controlled digitally and reproducibly and are executed by single drives. These sequences include the precisely metered fibre feed and the yarn re-entry time, which is accurate to the millisecond. Other factors that are decisive for the production of a top-quality piecing with precisely metered overlaps and dwell times of fibres and yarn in the rotor are the yarn re-entry, which is precise to the millimetre, and the digitally controlled acceleration times of the take-up cylinders for the yarn take-up. Even the lowering of the package onto the winding shaft is digitally controlled, so that it is driven at the right, precisely defined time for all diameters. Thus nothing is left to chance with DigiPiecing, neither in relation to quality nor to productivity. Together with the top-class Corobox SE 12 and a mode of construction of the Autocoro

Page 2 S 360 that reflects the quality and value standards of Oerlikon Schlafhorst in every detail, DigiPiecing offers outstanding piecing technology for Autocoro spinning mills that want to actively experience yarn and package quality and in doing so want to assume a top position in economic terms.

Autocoro S 360



BU: Digital key components for DigiPiecing: The know-how of the market leader Oerlikon Schlafhorst

Photos regarding the Oerlikon Schlafhorst products are to be found here.

<http://www.mediawarehouse.saurer.com>

User name: guest

Password: guest

About Oerlikon

Oerlikon (SWX: OERL) is one of the world's most successful high-tech industrial groups, specializing in machinery and plant manufacture. The company is synonymous with leading industrial solutions and advanced technology and is active in the six segments textile machinery and plant manufacture, thin-film solar, thin film coating, drive, precision and vacuum technology. Originally established in Switzerland and with a tradition stretching back 100 years, Oerlikon is now a global player employing more than 19,000 people at 170 locations in 35 countries and generated turnover of CHF 5.6 billion in 2007. It occupies the number one or number two slot in its respective markets and invested just under 5 % of its turnover in research and development (CHF 274 Mio.).

Page 3 For further information please contact:

Waltraud Jansen
Expert Communication Rotor Spinning
Tel: +49 2161 28 2194
Fax: + 49 2161 28 3541
waltraud.jansen@oerlikon.com