

New products focus on energy savings, efficiency and flexibility

Oerlikon Textile launches 7 new machines at ITMA 2011

Pfäffikon SZ, Switzerland/Barcelona, Spain, September 22, 2011 – Today, Oerlikon Textile is presenting a suite of groundbreaking innovations at the world's largest textile trade fair, the International Exhibition of Textile Machinery (ITMA), thereof seven completely new developed textile machines. These innovations address the need for greater efficiency, flexibility and quality with reduced energy consumption. Oerlikon's new textile machines and equipment deliver energy savings of up to 50 % ("e-save") and productivity gains of up to 25 %. "At this year's ITMA, we are showcasing the most efficient and sustainable product range we have ever produced," says Oerlikon Textile CEO Thomas Babacan. Oerlikon Group CEO Michael Buscher adds: "With the next generation product portfolio we presented today, Oerlikon Textile has laid the groundwork for sustainable and increased business success, despite a more challenging market environment". Oerlikon Textile will showcase its renewed portfolio at ITMA under the banner "innovation has a name – Oerlikon."

Textiles are increasingly being used in new technical applications including composite materials for vehicle bodies, airplane parts, construction industry components and for geo-textiles used in landscape construction and agriculture. Furthermore, the growing world population and the emergence of new middle-class consumers are fueling the demand for clothing. Both trends call for high quality textile machinery, a structural growth market. To meet growing demand and to tap new areas of application, textile producers require highly efficient and flexible machines, equipment that uses significantly less energy and which meets higher quality standards. This is exactly what Oerlikon Textile is showcasing at the ITMA in Barcelona. Highlights of its trade-fair presentation, which covers 1,400 square meters, include Oerlikon Schlafhorst's new Autocoro 8 for the manufacture of natural fibers and Oerlikon Barmag's new eAFK automatic texturing machine for man-made fibers.

The new Autocoro 8, which is being unveiled at the ITMA and can be seen in operation there, is the greatest rotor spinning innovation in 30 years. It boosts productivity by up to 25 % while delivering higher-quality yarns and packages. The machines' 480 spinning

Page 2/3

positions are individually powered, automated and entirely autonomous. The new precision rotor facilitates start-up times are up to 80 % faster than those of conventional belt-drive rotor spinning machines. The new rotor motor is integrated into the spinbox SE20 and designed for speeds of up to 200,000 revolutions per minute. Thanks to the new Autocoro 8, spinning mills can be more flexible than ever before and the overall cost of spinning can be drastically reduced.

Another pioneering innovation is the new eAFK automatic texturing machine for processing man-made fibers for clothing applications. Thanks to its new modular machine structure, the new machine is much more flexible and efficient and manual contact with the packages is entirely eliminated (no-touch principle). Packages with the same running length facilitate the cost-effective processing of yarns as well as higher prices for textured yarn. Additional automated processes increase productivity and product yield, and its reduced labor requirement cuts costs. The new multithreaded automatic winding head for high-strength special yarns – another innovation in the eAFK – translates into considerably lower energy consumption, lower space requirements and lower investment and maintenance costs.

“Our innovations help our customers set themselves apart in the face of intense competition and underscore our commitment to being both the market leader and the technology leader,” concludes Oerlikon Textile CEO Thomas Babacan.

Oerlikon is at the Barcelona ITMA from September 22-29, in Hall 2 at D 131

Page 3/3

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, drive, vacuum, thin film, coating, and advanced nanotechnology. A Swiss company with a tradition going back over 100 years, Oerlikon is a global player with more than 17 000 employees at over 150 locations in 38 countries and sales of CHF 3.6 billion in 2010. The Company invested in 2010 CHF 239 million in R&D, with over 1 200 specialists working on future products and services. In most areas, the operative businesses rank either first or second in their respective global markets.

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