

Media Release

Oerlikon Neumag at the CINTE TECHTEXTIL CHINA 2014

Technologies for an efficient Technical Nonwoven production

Neumuenster/Shanghai, August 4, 2014 – A comprehensive portfolio of nonwoven and staple fiber technologies, from meltspun spunbond (spunbond and meltblown) to airlaid nonwovens (airlaid) and the new compact staple fiber line Staple FORCE S 1000 will be presented by Oerlikon Neumag at this year's CINTE TECHTEXTIL CHINA 2014 trade fair in Shanghai, 24 - 26 September 2014, at booth B07 in hall E7. Application areas of the presented technologies are for example special technical uses such as filtration, roofing, geotextiles and automotive, as well as hygiene applications.

The new Staple FORCE S 1000 with its compact construction and low throughputs of up to 15 tons per day, enables swift product color changes with considerably lower waste. The savings in terms of energy and water resulting from the deployment of a dry-drawing process, lead to a reduction in operating costs and simultaneously protect the environment. The option to install the system on a standard industrial floor also minimizes investment costs. "Efficient, flexible and compact – these are extremely attractive factors for our customers, opening up diverse, new market potentials for them", sums up Oerlikon Manmade Fibers Sales Director Michael Korobczuk. "The Staple FORCE S 1000 is not just for fiber manufacturers focusing on special applications and on 'on-demand' deliveries, it also enables nonwoven producers to efficiently integrate fiber manufacturing into their own production operations."

Technical spunbond technology for a rapidly growing market

Oerlikon Neumag offers the complete process from polymer chips up to roll goods for the production of substrate for bitumen roofing membranes, sarking membranes and also geotextiles. The one-step spunbond technology convinces with a combination of effectiveness and productivity, thus lowering production costs by up to 20%. More than 3 million tons of technical nonwovens were produced last year and the demand is still increasing, especially in emerging countries. Thinner, lighter, efficient materials, as produced with the spunbond technology, now specify the trend.

Meltblown technology stand-alone or as an upgrade solution

The Oerlikon Neumag meltblown technology enables the cost-efficient production of high-quality meltblown and SMS (spunbond-meltblown-spunbond) products. Stand-alone mono and bico meltblown plants produce nonwovens for a variety of filtration, insulation and sorbent applications. The meltblown technology is applied for a multitude of medical and hygiene products as "Plug & Product" installations in already existing and in new external SXS plants. This solution enables a cost-efficient upgrading of new or existing spunbond plants and offers nonwoven producers access to markets with very high quality demands.

Airlaid: more homogeneity with thin nonwovens

The core of the Oerlikon Neumag airlaid technology, the forming head, sets standards for the production of extremely thin airlaid nonwovens. A high uniformity and homogeneous web formation,

today enable the production of high-quality, light airlaid nonwovens with economically attractive production speeds and plant throughputs. With the new forming head, we can not only produce very light airlaid materials, but also combination nonwovens with full utilization of the plant capacity, at the same time saving raw material.

502 words

For further information please contact:

Claudia Henkel
Marketing and Corporate Communications
Tel +49 4321 305 105
Fax +49 4321 305 368
claudia.henkel@oerlikon.com

André Wissenberg
Marketing and Corporate Communications
Tel +49 2191 67 2331
Fax +49 2191 67 1313
andre.wissenberg@oerlikon.com



Oerlikon Neumag – Roofing [Click here to download the highres file](#)

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 manmade fibers manufacturing, drive systems, vacuum, surface solutions and advanced nanotechnology. A Swiss company with a tradition going back over 100 years, Oerlikon is a global player with around 15 500 employees at over 170 locations in 35 countries and pro-forma sales of CHF 3.6 billion in 2013. The Company invested in 2013 CHF 146 million in R&D (pro-forma), 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.

About Oerlikon Manmade Fibers

Oerlikon Manmade Fibers with the product brands Oerlikon Barmag and Oerlikon Neumag is the world market leader for filament spinning systems used for manufacturing manmade fibers, texturing machines, BCF systems, staple fiber spinning systems and artificial turf systems and – as an engineering services provider – offers solutions along the entire textile value added chain. As a future oriented company, the Oerlikon Group segment's research and development is driven by energy-efficiency and sustainable technologies. With the expansion of the product range to include polycondensation systems and their key components, the company now caters to the entire process – from the monomer all the way through to the textured yarn. The primary Oerlikon Barmag markets are in Asia, with Oerlikon Neumag's main markets in the US, Turkey and China. Correspondingly, the companies – with almost 2 500 employees – have a worldwide presence in 120 countries as part of the Oerlikon Manmade Fibers network of production, sales and distribution and service organizations. At the R&D centers in Remscheid, Neumünster and Chemnitz, highly-qualified engineers and technicians develop innovative and technologically-leading products for tomorrow's world.