

Media Release

Oerlikon Neumag at the ITMA ASIA + CITME 2014

All nonwoven technologies on board for market-specific developments

Neumünster/Shanghai, June 16, 2014 – A comprehensive portfolio of nonwoven technologies, from meltspun spunbond (spunbond and meltblown) up to airlaid nonwovens (airlaid) will be presented by Oerlikon Neumag at this year's ITMA Asia trade fair in Shanghai, 16 – 20 June 2014, at booth F01 in hall W3. Application areas are for example special technical uses such as filtration, roofing, geotextiles and automotive, as well as hygiene applications.

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.

349 words

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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.