

Press release

Oerlikon Manmade Fibers at the ITMA ASIA + CITME 2014

The WINGS family now has new members

Remscheid, Shanghai, June 16, 2014 – two new members of the Oerlikon Barmag WINGS family will be unveiled to the broad public for the very first time in Shanghai between June 16 and 20: The winding system – which has been revolutionizing the textile world for seven years – is now also available for the POY process in an 1800-mm stroke length and with 12 or 16 ends. Furthermore, the HOY process – deemed particularly challenging – can now also draw on WINGS technology.

WINGS 1800 successfully launched

The first pilot positions successfully commissioned prove: performance, package build and yarn quality are at the same high level as in the case of the 1500-mm stroke-length model. This guarantees superlative results in the DTY process. With package weights of 15 kg (12-end variant) or 10 kg (16-end), the winding unit with extended stroke is extremely competitive.

Special highlight: string-up for the WINGS 1800 is now even faster with its new string-up device – despite its 12 packages. The new technology saves around 30 precious seconds compared to its 10-end counterpart – hence making it considerably faster than its competitors. The result: less waste.

Furthermore, the WINGS POY 1800/12-end excels vis-à-vis the 1500/10-end model, requiring less space per filament, hence further increasing efficiency. The difference in the required space for the zigzag layout of the spin packs is even more noticeable, where the 16-end winder is able to reveal its advantages even better, which makes it interesting for in-house further processors in particular, despite its lower package weight.

HOY spinning with WINGS

And the WINGS winder is now also available for the special polyamide HOY process. A first pilot system is already operating in China.

The texturing process is dispensed with in the case of HOY; due to direct further processing of HOY yarns into fabric, the process requires lots of oil. With its completely covered draw field, WINGS reduces to a minimum the otherwise common contamination in the winding area caused by the spin finish and hence ensures the process is clean. With this, the WINGS technology once again reveals itself to be operator- and maintenance-friendly.

365 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.

For further informationen: www.oerlikon.com/manmade-fibers.



With its completely covered draw field, WINGS HOY ensures a clean spinning process.



First pilot positions of the new WINGS POY 1800 recently have been successfully commissioned.