

Press Release

Customer Services

New upgrade transforms the ACW into WINGS

Remscheid, November 12, 2019 – Recently, upgrades and retrofits were made available for Oerlikon Barmag ACW-series winders, with which the benefits of the WINGS concept become tangibly close for operators of POY spinning systems equipped with ACW technology. Worldwide, thousands of winders could take advantage of this system upgrade.

In addition to savings in terms of energy, waste and HR, the benefits of the WINGS concept above all include the consistently high yarn quality, making WINGS yarn a winner in further processing. Particularly with regards to its dyeing properties, the yarn is considerably superior to products manufactured using conventional winder technology.

Yarn producers can now also achieve these typical WINGS properties with ACW winders – with a corresponding system upgrade. The ACW WINGS conversion components and ACW upgrades for draw units can be installed as plug-in units in virtually no time at all, hence minimizing system downtimes. Analog to WINGS, the new ACW WINGS draw unit is more compact and also guides the yarn using rollers instead of yarn guides. This minimizes friction for the yarn and the angles of deflection remain the same, which in turn optimizes the yarn tension on all packages.

Already being used in China

The first expansion phase with 96 positions is already successfully operating at Chinese polyester yarn manufacturer Zhejiang Rongsheng. “We achieved excellent yarn values after just four days. The yarns are of AA quality for a full package rate of 98% and a yarn break rate of 0.5 per ton”, summarizes Xu Yongming, Plant Manager at Rongsheng, talking about the upgrade package. “This has allowed us to once again become one of the top manufacturers with our ACW yarns.” A second expansion phase with 88 further positions will follow at the end of 2019.

The conversion package is also particularly interesting as a result of its fast ROI (return-on-investment) of less than one year. ACW WINGS is available for all ACW-type POY / HOY winders for polyester, polyamide 6 and polyamide 6.6.

2.106 characters including spaces



Caption:

Oerlikon Barmag ACW WINGS

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About Oerlikon

Oerlikon (SIX: OERL) develops modern materials, systems and surface technologies and provides specialized services aimed at securing high-performance products and systems with long lifespans for customers. Supported by its technological core competencies and its strong financial footing, the corporation continues its medium-term growth plan by implementing three strategic factors: focusing on attractive growth markets, ensuring structural growth and expanding through targeted M&A activities. Oerlikon is a globally-leading technology and engineering corporation, operating its business in two segments (Surface Solutions and Manmade Fibers) and employing around 10,500 members of staff at 175 sites in 37 countries worldwide. In 2018, Oerlikon generated sales of CHF 2.6 billion and invested around CHF 120 million in research & development.

For further information: www.oerlikon.com



About Oerlikon Segment Manmade Fibers

With its Oerlikon Barmag, Oerlikon Neumag and Oerlikon Nonwoven brands, Oerlikon Manmade Fibers segment is the world market leader for manmade fiber filament spinning systems, texturing machines, BCF systems, staple fiber systems, solutions for the production of nonwovens and – as a service provider – offers engineering solutions for the entire textile value added chain. As a future oriented company, the research and development at this division of the Oerlikon Group is driven by energy-efficiency and sustainable technologies (e-save). With the supply of continuous polycondensation and extrusion systems and their key components, the company caters to the entire process – from the monomer all the way through to the textured yarn. The product portfolio is rounded off by automation and industry 4.0 solutions. The primary markets for the products of Oerlikon Barmag are in Asia, especially in China, India and Turkey, and – for those of Oerlikon Neumag and Oerlikon Nonwoven – in the USA, Asia, Turkey and Europe. Worldwide, the segment – with just under 3,000 employees – has a presence in 120 countries of production, sales and distribution and service organizations. At the R&D centers in Remscheid, Neumünster (Germany) and Suzhou (China), highly-qualified engineers, technologists and technicians develop innovative and technologically-leading products for tomorrow's world.

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