

Media Release

Passion for surface solutions: Oerlikon Balzers at EMO 2015

Balzers, Liechtenstein 03. September 2015 – The technological leader for surface solutions based in Liechtenstein once again proves its unbounded passion for surface solutions at EMO in Milan. At booth F17 in Hall 10, several innovations will be presented simultaneously between 5 and 10 October. These include a new coating solution for high-speed machining and a highly productive coating system.

Production costs and the question of how they can be reduced are of great importance for machining and cutting processes. Wear-protection coatings play a decisive role for increasing cutting speeds. At this year's EMO, Oerlikon Balzers presents an innovative coating solution for gear cutting that demonstrates how this can be achieved. It persuades with coating properties that enable exceptionally high cutting speeds and even longer tool service lives, which together result in significantly improved productivity.

Oerlikon Balzers takes full advantage of every option for increasing customers' efficiency. Their newest coating system innovation that will be presented to the public for the first time at EMO, is not only the most productive system of its size that the Liechtenstein-based company has ever developed, but it also stands out due to its extremely high throughput – even for simultaneous treatment of a high number of cutting and large-format forming tools.

A further key focus at EMO will be the BALIQ portfolio. This family of coatings is based on the S3p (Scalable Pulsed Power Plasma) technology, which combines the advantages of the sputtering and arc evaporation coating methods. The resulting coatings are characterized by extreme wear resistance and the very best in smoothness making them ideal for a wide range of new applications.

Additionally, METAPLAS.DOMINO, a system series from Metaplas, will be presented to customers at EMO for the first time under the Oerlikon Balzers brand.



Oerlikon Balzers' next generation gear cutting coating solution persuades in various high end gear cutting applications.



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About Oerlikon Balzers

Oerlikon Balzers is one of the world's leading suppliers of surface technologies that significantly improve the performance and durability of precision components as well as tools for the metal and plastics processing industries. Extremely thin and exceptionally hard coatings, marketed under the BALINIT and BALIQ brand names, reduce friction and wear. Under the technology brand ePD, the company develops integrated services and solutions for the metallization of plastic parts with chrome effects. Oerlikon Balzers operates a dynamically growing network of currently 106 coating centers in 34 countries in Europe, the Americas and Asia. Oerlikon Balzers is – together with Oerlikon Metco - part of the Surface Solutions Segment of the Switzerland-based Oerlikon Group (SIX: OERL).

About the Surface Solutions Segment

The Oerlikon Surface Solutions Segment includes the two brands Oerlikon Balzers and Oerlikon Metco. Oerlikon Balzers is one of the world's leading suppliers of surface technologies that significantly improve the performance and durability of precision components as well as tools for the metal and plastics processing industries. Extremely thin and exceptionally hard coatings reduce friction and wear. Under the technology brand ePD, the company develops integrated services and solutions for the metallization of plastic parts with chrome effects. Oerlikon Metco enhances surfaces with coating solutions and equipment. Customers benefit from a uniquely broad range of surface technologies, coating solutions, equipment, materials, services, and specialized machining services and components. The innovative solutions improve performance and increase efficiency and reliability. Oerlikon Metco serves industries such as power generation, aviation, automotive, and other specialized markets. The Surface Solutions Segment operates a dynamically growing network of currently more than 145 facilities with over 140 coating centers in 35 countries in Europe, the Americas, Asia and Australia, employing more than 6 000 people. The Surface Solutions Segment is part of the Switzerland-based Oerlikon Group (SIX: OERL).