

Media Release

Oerlikon Balzers at EMO 2021: Maximum productivity with sustainable coating solutions

Balzers, Liechtenstein, 7 September 2021 – **Oerlikon Balzers, a leading provider of surface solutions for the metal and plastics processing industry, will showcase its latest coating and equipment developments and digital services at EMO in Milan from 4 to 9 October 2021. These latest innovations give customers extended tool service life, higher process reliability, increased productivity and a reduced environmental footprint, while significantly saving production costs.**

Oerlikon Balzers is back at exhibitions in Europe. After a long break due to COVID-19, the company is looking forward to EMO 2021 in Milan, where it will introduce its new coating solutions which help customers machine special materials with maximum productivity while achieving highest product quality. The innovations significantly extend tool service life in demanding machining applications while reducing production costs. Designed to enhance efficiency and increase durability, they will help customers reduce the environmental impact of their production processes.

The following market-leading sustainable solutions and innovations offering decisive added value for companies will be on display at EMO 2021:

- **First-class coating solutions:**
 - BALDIA** – Oerlikon Balzers' latest family of high-performance diamond coatings provides maximum wear resistance and tightest tolerances when machining highly abrasive special materials.
 - BALINIT HARD CARBON** – For high productivity when processing other non-ferrous metals.
 - BALINIT TISAFLEX** – High-quality milling of hard-to-machine materials such as titanium, nickel-based alloys and stainless steel with superior oxidation resistance and thermal stability.

- **PVD equipment and digital services** – Coating solutions and equipment designed to work together perfectly and ensure standardised processes for top-quality coatings worldwide. The vSHARE service app offers real-time image and video sharing to give customers remote support for their coating systems.

Visitors can experience the latest coating solutions, explore the challenging machining applications of today's metal processing industry and discover many more added-value services at **EMO 2021 at the Fiera Milano, Hall 2, Booth E17**. Experts from Oerlikon Balzers will be on hand to explain how the company's services boost productivity and allow production processes to be planned more efficiently. For the first time, the sister brands Oerlikon Metco and Oerlikon AM will also be on the stand to showcase their latest thermal spray and laser cladding technologies and additive manufacturing solutions.

Celebrating its 75 birthday, Oerlikon Balzers has long been a byword for pioneering developments and world-leading thin-film coating technology. Every day the company pursues its passion for surface solutions with a unique blend of sustainability, innovative drive, entrepreneurial spirit and tradition in order to benefit customers and the environment – today and tomorrow.



BALDIA is the next-generation portfolio of high-quality diamond coatings, offering added value to customers by allowing parts to be manufactured with tightest tolerances for the best possible finishing accuracy when machining highly abrasive materials.



Oerlikon Balzers' new coating BALINIT TISAFLEX offers superior oxidation resistance, high thermal stability and excellent wear resistance, making it the perfect solution for machining difficult-to-machine materials.



Coating solutions and equipment from Oerlikon Balzers are designed to work together perfectly and ensure standardised processes for top-quality coatings worldwide.

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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. The BALITHERM brand opens up a broad range of heat treatment services, whereas BALTONE comprises coatings that are available in a full range of elegant colours, perfectly suited for decorative applications. BALIMED ThinFilm coatings, with wear-resistant, biocompatible, antimicrobial and chemically inert properties, have been developed especially for medical applications. Under the BALIFOR technology brand the company has introduced technologies which provide tailor-made solutions for the automotive market, while ePD allows the metallisation of plastic parts with a chrome look.

Worldwide, more than 1,300 coating systems are in operation at Oerlikon Balzers' facilities and its customers. Equipment engineering and assembly of Balzers' systems are processed in Liechtenstein, in Langenthal (Switzerland) and in Bergisch Gladbach (Germany). Oerlikon Balzers operates a dynamically growing network of more than 110 coating centres in 36 countries in Europe, the Americas and Asia. Oerlikon Balzers is – together with Oerlikon Metco and Oerlikon AM – part of the Surface Solutions Division of the Switzerland-based Oerlikon Group (SIX: OERL).