

oerlikon
balzers

Passion for surface solutions





Oerlikon Balzers

Continuous innovation

Engines for Formula One cars, aircraft turbines, bathroom fixtures, industrial tools or high-quality watches – during the production process, all of them get in touch with solutions provided by Oerlikon Balzers. In 1946, vacuum thin-film technology was virtually unknown when Professor Max Auwärter founded our company in order to make the technology suitable for industrial applications. The world-first breakthrough was achieved in the 70s with scratch resistant PVD coatings (PVD = Physical Vapour Deposition). Under the brand name of BALINIT®, these coatings continue to be a mainstay in the Oerlikon Balzers product range until today.

Additional, fully new coating approaches followed, along with global expansion and ultimately Oerlikon Balzers taking the worldwide technological lead in the area of wear-protection coatings. Operating from this top-ranked position, we continue today to develop extremely thin hard-material coatings as well as cutting-edge coating methods and the coating equipment these require. The result is a unique portfolio of technologies which not only increase the performance, but also the service life of precision tools and components on an ongoing basis.

Improved efficiency and reduced wear yield both cost effectiveness and decreased consumption of raw materials and harmful substances, thus conserving resources. This is an important aspect of our work because, for Oerlikon Balzers, sustainability, tradition and innovation are values that are lived out in practice as the basis for our company and for our daily activities.

Thanks to our dense network of more than 100 coating centres in all important industrial regions in Europe, America and Asia, the coating services that are readily available to our customers are unique, both in terms of their diversity and their global availability. Many companies from a broad range of industry sectors rely on the strong partnership Oerlikon Balzers affords.

Small and medium-sized businesses as well as global players, tool manufacturers, machinery producers or the aerospace and automotive industries: They have all come to trust a company that consistently invests in the newest of technologies and develops solutions with which even the most demanding company goals can be reached efficiently. Consequently, not only the Oerlikon Balzers success story continues to be written, so does that of our customers.



Our coating centres: Found wherever our customers are located

Oerlikon Balzers operates coating centres at over 100 sites in more than 30 countries worldwide. And the services offered are truly unique in the market.



Balzers Headquarters

Oerlikon Balzers Coating AG
Balzers Technology & Service Centre
Iramali 18
9496 Balzers
Liechtenstein
T +423 388 7500
F +423 388 5419
info.balzers@oerlikon.com

A full listing of our locations can be found at:
www.oerlikon.com/balzers

HQ190EN (1509)

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