

This is Oerlikon

Dear Reader

We are pleased to present you the first edition of our newsletter This is Oerlikon.

We want to give you a glimpse into the wide range of technologies developed by the Oerlikon Group and show you the ways in which the company solves challenges, including environmental, mobility, energy, and infrastructure ones. In our first issue, we have featured stories about how Oerlikon helped a customer to build an energy-efficient factory that produces granulates for PET bottles, how transmission solutions from Oerlikon help to increase the efficiency of electric and hybrid cars, how Oerlikon implemented an environmentally friendly process that revolutionized the metallization of plastic parts, as well as how Oerlikon's mechanical vacuum pump systems for steel degassing are set to be the first choice of steelworks for the future.

We hope that you find this newsletter an interesting and enjoyable read, and look forward to receiving your feedback or comments.

Welcome to the world of Oerlikon!

Nicolas Weidmann & Andreas Schwarzwaelder

Topics

- Bottling producers rely on innovative Oerlikon Technology
- Putting energy-efficiency and performance right on the road
- Cost efficient mechanical vacuum pump systems for metallurgy
- Breakthrough eco-friendly process for metallizing plastics parts



Bottling producers rely on innovative Oerlikon Technology

The lightweight and shatterproof PET bottle is a top choice as packaging for water and other beverages. Extending its expertise, Oerlikon Manmade Fibers Segment paved the way for an Egyptian customer to gain a foothold in the growing beverage packaging market for the production of bottle granules. **Read more ...**



Putting energy-efficiency and performance right on the road

New and attractive electric and hybrid car models are entering the market. Climate protection is no longer the only reason why electricity is an ideal fuel for cars. Compared with conventional combustion engines, electric motors are substantially more effective. What Oerlikon Graziano has to do with this and why their expertise in high performance sports cars is so useful **can be found here ...**



Cost efficient mechanical vacuum pump systems for metallurgy

The automotive and aviation industries need high quality steel. This is where steel degassing comes in – for the treatment and refinement of the steel. Mechanical vacuum pump systems for steel degassing are set to be the first choice of steelworks for the future. **Find out why ...**



Breakthrough eco-friendly process for metallizing plastics parts

High quality metallic coated plastic components are becoming more and more popularly used in many industries, including in the automotive and consumer electric industries. Oerlikon Balzers has developed an economical, environmentally friendly technology which overcomes the challenges of existing technologies, and at the same time facilitates new designs and functionalities. **More on how this works ...**

did you know?



What does the Rosetta space probe have to do with Oerlikon technology?



What does a long distance 18,400 km (>11,400 miles) flight – equivalent to a Frankfurt, Germany / Hong Kong return trip – have to do with Oerlikon?



What Oerlikon technology is used to manufacture CDs & DVDs, light bulbs, semiconductor wafers, eyeglass lenses, and the testing equipment for the tiles on the Space Shuttle?

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