

# Bestseller reloaded

The new INNOVENTA kila PVD coating system from Oerlikon Balzers is replacing the successful INNOVA.



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## New features for higher productivity

The INNOVENTA kila picks up the baton from the INNOVA as the flexible model for high demands, but with 20% more loading capacity. Shorter batch times increase productivity, now enabling up to five batches per day, while the patented VMS (Versatile Magnet System) developed by Oerlikon Balzers applies coatings homogeneously with very good target utilisation. In contrast to the INNOVA, the INNOVENTA kila can process a fourth target material to meet the demand from tool manufacturers for differentiation and visualisation, and to allow them to produce customised coating solutions for their products by assigning specific top layers to their tool types or tool families. Also new is the maintenance-free trigger finger which moves back and forth automatically to ignite the target, meaning no more manual adjustment (saving time in maintenance and batch preparation) and eliminating a possible source of error which can lead to large amounts of lost time.

## Numerous advantages as a new member of the INNOVENTA family

As the most recent addition to the INNOVENTA family, the INNOVENTA kila is fully compatible with all other INNOVENTA systems because it uses the same platform. For example, the diameter of the carousels is the same for all models so that the holding and loading platforms and other peripheral equipment can be used for the entire INNOVENTA family. As the smaller sibling of the existing INNOVENTA

Specialists agree that the INNOVA is a reliable coating system well suited to universal applications. With a name that has become a byword for high performance, reliability and productivity, it's little wonder that it has an impressive track record in terms of units sold. In autumn 2018 its successor, the INNOVENTA kila, was launched at the specialist JIMTOF trade fair in Japan, which raises the obvious question: if the INNOVA is so successfully established on the market, why is Oerlikon Balzers developing a new coating system? The answer: a consistent focus on customer needs and a passion for the newest technologies and the best possible customer service continue to head the surface treatment specialist's list of priorities.

As car manufacturers know, there comes a time when upgrades or facelifts are no longer enough in order to integrate the latest technology into a particular model, and the same is true for coating systems. Thus the INNOVENTA kila was born, and it offers even better performance and new features which boost productivity for customers.

Like the INNOVA, the INNOVENTA kila is the right size for its target market and meets production requirements for tools and components in quantities both large and small, making it the perfect solution for research and development as well. Coating processes can also be easily and individually customised.



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### The new vSHARE App – efficient support in real time

If customers or technicians encounter a technical difficulty with a coating system, they can quickly and easily contact the on-call support or service team via the vSHARE App. The app, which can be installed on any smartphone with an iOS or Android operating system, helps visualise the problem by using the smartphone camera to show the support department experts a real-time image, and the integrated sketch and marking function allows a solution to be found in no time. The service query is documented and saved in the support database in order to further improve the service for the system and enable even better support to be provided in future.

Of course, all services and spare parts for the INNOVA coating system are still available.

In Europe, the INNOVENTA kila will be launched at EMO 2019 in Hanover from 16 to 21 September. (17619-323)

mega and giga, which have been successfully validated at customers' sites, the INNOVENTA kila combines traditional, solid engineering with flexibility in high-end coating.

The distance from the substrate to the target and between the targets is also identical in all INNOVENTA systems, which makes the time-consuming coating transfer considerably easier and results in consistently high-quality, homogeneously distributed coatings. In addition, the TFT touchscreen has now been integrated vertically into the compact system in order to save space.

### Two bigger INNOVENTA coating systems for higher quantities or larger components

The Oerlikon Balzers range also includes the INNOVENTA mega and INNOVENTA giga models, each with a maximum loading capacity of 3000 kilograms, for coating higher quantities or larger components. The INNOVENTA mega has a maximum coating height of 900 millimetres and is available with additional sputtering technology, while the INNOVENTA giga can accommodate very large forming tools or bulky aerospace industry components of up to 1480 millimetres. All INNOVENTA family

systems feature the same operating system.

### Largest After Sales Service network worldwide – on the way to the customer within 24 hours

Deciding to acquire a coating system from Oerlikon Balzers doesn't mean just buying "hardware" – it means benefiting from first-class global After Sales Service & Support. Customer service at Oerlikon Balzers has only one goal: reliable operation of the coating system. That's why the company maintains a stock of spare parts on every continent that can be delivered within 24 hours: after all, the system needs to be back up and running as quickly as possible to coat components and tools. And if customers experience capacity bottlenecks in production, Oerlikon Balzers can step in to resolve the issue with their core expertise as a service provider. Standardised production processes ensure high, reproducible quality at all times – worldwide.

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