

Oerlikon Metco launches Surface Two™: A Scalable, IIoT-enabled Thermal Spray Platform with Enhanced Capacity and Automation

Pfäffikon, Switzerland – July 22, 2025 – Oerlikon Metco today announced the global launch of **Surface Two™**, the next evolution in its Surface platform series. Building on the success of the Surface One™, introduced in 2018, Surface Two delivers the same cutting-edge thermal spray performance, now scaled for larger parts and broader industrial applications.

Engineered for industries such as aerospace, power generation, automotive, medical, and semiconductors, Surface Two extends the benefits of modularity, smart manufacturing, and process consistency to customers processing medium-to-large components.

“With Surface Two, we are expanding our proven platform to meet growing market demand for scalability, automation readiness, and production flexibility,” said Fabian Friedrich, Manager, Product Management, Oerlikon Metco. “This launch reinforces our commitment to delivering future-ready solutions that improve efficiency and reduce time-to-value for our customers worldwide.”



Highlights of Surface Two include:

- **Larger capacity:** Supports parts up to Ø2000 mm and 1500 mm in height, with handling options up to 5000 kg.
- **Smart platform:** Equipped with the MultiCoat™ 5 controller and embedded IIoT capabilities for data-driven operations.
- **Rapid deployment:** Fastest commissioning in its class, minimizing installation time and shop floor disruption.
- **Flexible automation:** Available in both standard and K2 configurations to support semi- or fully automated production environments.
- **Next-Gen usability:** Featuring Clarity2™ user interface, clean-room-ready airflow design, and minimal maintenance downtime.



Surface Two retains the relocatable, skid-based architecture of Surface One, along with standardized components and advanced airflow design—delivering a cleaner, safer, and more efficient operating environment. With enhanced scalability and multi-process compatibility, Surface Two empowers manufacturers to handle larger components, accelerate changeovers, and adapt seamlessly to shifting production demands.

For more information, visit <https://www.oerlikon.com/metco> or contact your local Oerlikon Metco representative.

About Oerlikon:

Oerlikon (SIX: OERL) is a global leader in surface technologies with a subsidiary for manmade fibers solutions, Barmag. With a unique portfolio in surface engineering, advanced materials, coating equipment and components, we make products better by improving efficiency, durability and sustainability. Oerlikon serves a wide range of industries, including Aerospace, Automotive, Defense, Energy, Medical, Luxury and Semiconductors. Headquartered in Pfäeffikon, Switzerland, the Group has a global presence with over 12 000 employees across 199 locations in 38 countries, achieving sales of CHF 2.4 billion in 2024.

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