

Media Release

Oerlikon Metco Wins International Design Awards with Innovative Thermal Spray Coating Machine

Wohlen, Switzerland — 24 September 2018 — Surface One, the new flagship machine for thermal spray coatings developed by Oerlikon Metco, is the winner of two renowned international design awards.

Both the Red Dot Design Award and the International Design Excellence Awards (IDEA) recognize the Surface One design for its contribution to the quality, efficiency, usability and safety of the thermal spray process.

“Breaking the mould in regard to design in order to enhance the effectiveness and user-friendliness of the technology — this has been superbly achieved by Surface One”, is the verdict of the Red Dot Design Award jury. A statement that perfectly reflects Oerlikon Metco’s aspirations for the next generation thermal spray coating machine. “Our customers expect productivity improvements, consistent quality and process safety; and they want their coating process to be ready for the factory of the future”, explains Dr. Martin Tempus, Oerlikon Metco’s Head of Equipment Business. Surface One delivers on all these requirements:

- Compact design that fits in a shipping container, occupies 20% less floor space and can readily be relocated elsewhere on the shop floor or to another facility.
- Full modularity that simplifies system upgrades or reconfiguration
- An intuitive, customizable user interface with integrated operator guidance that eliminates operating errors, increases operational efficiency, reduces training requirements and is ready for Industry 4.0 and the Internet of Things.
- Safety and usability improvements that limit operator exposure to the thermal spray environment, make part lifting and handling a breeze, minimize maintenance downtime and reduce system cleaning efforts.

Surface One was officially revealed to the market in March 2018 and immediately created strong demand: “We are honored by the trust of key customers worldwide who have directly ordered Surface One machines”, says Dr. Wolfgang Konrad, Head of Oerlikon Metco. “I am very happy about the positive feedback from our customers, which confirms that Surface One really meets their requirements”, he adds.

For further information about Surface One, please visit www.oerlikon.com/surface-one.

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About Red Dot Award: Product Design

The Red Dot Award: Product Design, whose origins date back to 1955, appraises the best products created every year. In 48 categories, manufacturers and designers can enter their innovations in the competition. According to the motto "In search of good design and innovation", the jury evaluates the entries and only awards a Red Dot to products that win them over with their high design quality. www.red-dot.org/de/project/surface-one-24063

About the International Design Excellence Awards (IDEA)

The International Design Excellence Awards (IDEA) is an award program of the Industrial Designers Society of America (IDSA). According to the IDSA, IDEA "is dedicated to fostering business and public understanding of the importance of industrial design excellence to the quality of life and economy". Founded in 1965, the nonprofit Industrial Designers Society of America (IDSA) is one of the oldest and largest industrial design associations. <http://www.idsa.org/awards/idea/commercial-industrial-products/surface-one>

About Oerlikon Metco

Oerlikon Metco enhances surfaces that bring benefits to customers through a uniquely broad range of surface technologies, equipment, materials, services, specialized machining services and components. The surface technologies such as Thermal Spray and Laser Cladding improve the performance and increase efficiency and reliability. Oerlikon Metco serves industries such as aviation, power generation, automotive, oil & gas, industrial and other specialized markets and operates a dynamically growing network of more than 40 sites in EMEA, Americas and Asia Pacific. Oerlikon Metco, together with Oerlikon Balzers, and Oerlikon AM belong to the Surface Solutions Segment of the Switzerland-based Oerlikon Group (SIX: OERL).



Surface One — The World's First Thermal Spray Coating Machine



reddot award 2018
winner

Surface One — Winner of the 2018 Red Dot Design Award in the category Industrial Machinery, Equipment and Automation



Surface One — Bronze winner of the 2018 IDEA Award in the category Commercial and Industrial Products