

Press release

Liebherr-Aerospace inaugurates new building for surface treatment

Following the official opening in June 2024, Liebherr-Aerospace Lindenberg GmbH has started operations in its new purpose-built extension. The extra 1,000 square meters give the company space to develop and implement surface treatment technologies of the future.

Lindenberg (Germany), June 2024 – Just over a year after the construction of the extension had begun at Liebherr-Aerospace in Lindenberg (Germany), the company put the newly added production area into operation. In the new facility Liebherr-Aerospace has set up a center of excellence for coating with a focus on more sustainable surface treatment.

Liebherr-Aerospace chose for the new building a state-of-the-art heating technology that is already used in existing areas of the company: heat recovery with heat pumps, which are operated with gas instead of refrigerants. Furthermore, a photovoltaic system was installed on the grass-covered roof.

Tomorrow's surface treatment technologies

The key task in developing state-of-the-art coating processes is to identify and use alternative materials and more environmentally friendly processes – a challenge in aviation, because not all materials meet the high safety standards of the industry. With high-velocity oxygen fuel (HVOF) spraying, Liebherr-Aerospace offers a solution to replace the currently used chrome-plating process without jeopardizing the quality or safety of aircraft components. The new extension building is equipped with the latest technology for implementing this coating method in order to increase capacities for the HVOF process. Liebherr is thus not only securing its well-founded expertise at the site in Lindenberg but is also able to significantly reduce transport routes within the production process.

Liebherr-Aerospace is already using the HVOF process in series production – not just for the exterior, but also for the interior of the components. Liebherr is currently the only company in the aerospace industry to offer this technology.

Increasing demand for skilled employees

This investment in the site in Germany creates even more demand for skilled employees. "We are very aware of our responsibility towards nature and the environment," explains Martin Wandel, Managing Director and Chief Operating Officer at Liebherr-Aerospace & Transportation SAS. "Our center of excellence for coatings in Lindenberg takes us another step further in our efforts to establish more environmentally friendly production methods. Simultaneously, we are expanding our skilled workforce needed to continuously pursue our goals."

About Liebherr-Aerospace & Transportation

Liebherr-Aerospace & Transportation SAS, headquartered in Toulouse (France), is one of 13 product segments of the Liebherr Group and a first-tier provider of on-board solutions in the aerospace and transportation industry, contributing to a more sustainable transport through innovative products, best in class services and performance excellence.

The aerospace product portfolio offered to civil and defense customers includes environmental control and thermal management systems, flight control and actuation systems, landing gears as well as on-board electronics. For rail vehicles of all kinds Liebherr offers heating, ventilation and air conditioning systems, passive and active hydraulic systems for braking, damping, axle steering and levelling. Furthermore, Liebherr serves the commercial vehicle market with trailer cooling systems.

About the Liebherr Group – 75 years of moving forward

The Liebherr Group is a family-run technology company with a highly diversified product programme. The company is one of the largest construction equipment manufacturers in the world. It also provides high-quality, user-oriented products and services in a wide range of other areas. The Liebherr Group includes over 150 companies across all continents. In 2023, it employed more than 50,000 staff and achieved combined revenues of over 14 billion euros. Liebherr was founded by Hans Liebherr in 1949 in the southern German town of Kirchdorf an der Iller. Since then, the employees have been pursuing the goal of achieving continuous technological innovation and bringing industry-leading solutions to its customers. Under the slogan '75 years of moving forward', the Group celebrates its 75th anniversary in 2024.

Image



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Latest HVOF technology is applied in Liebherr-Aerospace Lindenberg's new building for surface treatment. - © Liebherr

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