

Press release

Liebherr on board Dassault's new Falcon 10X business jet

Liebherr-Aerospace's workshare in the new Falcon business jet covers the integrated air management system, supplied to Dassault and landing gear components supplied to Héroux-Devtek.

Toulouse (France), May 2021 – On May 6, 2021 the Falcon 10X was launched by Dassault Aviation and Liebherr will supply major systems and components for the all-new business jet.

State-of-the-art air management technology for comfort on board

Liebherr-Aerospace Toulouse SAS (France), Liebherr's center of excellence for air management systems, is responsible for the Falcon 10X's integrated air management system. This major work package covers the bleed, air conditioning, cabin pressure control, air preparation, overheat detection, and wing anti-ice protection systems. Building on the architecture of the Dassault Falcon 6X air management system also provided by Liebherr, this new package provides a combination of robust and proven equipment, along with new Liebherr component technology developments. One example is the introduction of smart valves developed by Liebherr, which offer increased digital control, opening the door to system control optimisation and increased product health management.

Latest technology for the landing gear

Furthermore, the Liebherr-Aerospace team in Lindenberg was commissioned by the Canadian company Héroux-Devtek to supply landing gear actuation and steering components for the Falcon 10X. Based on its experience, Liebherr was able to offer for the business jet latest technology within a very short time according to the newest environmental requirements.

Nicolas Bonleux, Managing Director and Chief Commercial Officer at Liebherr-Aerospace & Transportation SAS, commented: "For over 70 years, Liebherr has been developing, manufacturing, and servicing major systems or components of Dassault Aviation's aircraft, including all members of the Falcon family such as the 7X, 8X, 900, 2000 / 2000EX and the 50EX. We are very happy and honored to say that we can contribute our experience and technology also to the latest member of Dassault's Falcon Family."

About Liebherr-Aerospace & Transportation

Liebherr-Aerospace & Transportation SAS, Toulouse (France), is one of eleven divisional control companies within the Liebherr Group and coordinates all activities in the aerospace and transportation systems sectors.

Liebherr-Aerospace is a leading supplier of systems for the aviation industry and has more than six decades of experience in this field. The range of aviation equipment produced by Liebherr for the civil and military sectors includes flight control and actuation systems, gears and gearboxes, landing gear and air management systems as well as electronics. These systems are deployed in wide-bodied aircraft, single aisle and regional aircraft, business jets, combat aircraft, military transporters, military training aircraft, civil helicopters and combat helicopters.

Liebherr's aerospace and transportation systems division employs around 6,000 people. It has four aviation equipment production plants at Lindenberg (Germany), Toulouse (France), Guaratinguetá (Brazil) and Nizhny Novgorod (Russia). These production sites offer a worldwide service with additional customer service centers in Saline (Michigan/USA), Seattle (Washington/USA), Montreal (Canada), Hamburg (Germany), Moscow (Russia), Dubai (UAE), Bangalore (India), Singapore and Shanghai (People's Republic of China).

About the Liebherr Group

The Liebherr Group is a family-run technology company with a highly diversified product portfolio. The company is one of the largest construction equipment manufacturers in the world. It also provides high-quality and user-oriented products and services in a wide range of other areas. The Liebherr Group includes over 140 companies across all continents. In 2020, it employed around 48,000 staff and achieved combined revenues of over 10.3 billion euros. Liebherr was founded in Kirchdorf an der Iller in Southern Germany in 1949. Since then, the employees have been pursuing the goal of achieving continuous technological innovation, and bringing industry-leading solutions to its customers.

Image



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Latest Liebherr technology on board: The Falcon 10X by Dassault Aviation - © Dassault Aviation

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