

Press release

Liebherr Supplies Air Compressor for SAIC Maxus EUNIQ 7

On September 13, 2020, the Chinese car manufacturer SAIC Maxus Automotive Co., Ltd. (SAIC Maxus) launched in Shanghai its new MPV model EUNIQ 7 with Liebherr technology on board: The Liebherr fuel cell air compressor is part of the PROME P390 fuel cell system built into this new car.

Toulouse (France). September 2020 – Liebherr had been invited by SAIC Maxus to attend the official presentation of the car manufacturer’s first hydrogen fuel cell MPV model, the EUNIQ 7. The seven-seater is equipped with a 150 kW motor that can be started at low temperatures such as -30°C. Complete hydrogenation is possible within only five minutes.

Highlight of the EUNIQ 7 is the PROME P390 propulsion fuel cell system supplied by SHPT, a subsidiary of SAIC, which had commissioned Liebherr to provide air compressors for this fuel cell system.

Liebherr-Aerospace Toulouse SAS (France), Liebherr’s center of competence for air management systems, and Liebherr-Elektronik GmbH (Germany), Liebherr’s center of competence for electronic hardware are responsible for the design, development and production of the key components of the compact and reliable compressors. The units are crafted to be fully eco-friendly — since they power fuel cell propulsion systems with emissions of only water and heat. Fewer emissions result in better air quality and aid in the movement for safer and more environmentally focused transportation.

The final assembly and acceptance testing of the compressors together with their control electronics will be performed by Liebherr (China) Co. Ltd., in Shanghai in the future.

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. The division, which employs around 6,200 people, supplies extensive systems and components for manufacturers and operators of aircraft and rail cars.

Furthermore, for more than one decade, Liebherr has been collaborating with major automotive manufacturers to develop the future generation of fuel cell vehicles.

Constant investment into research and development play a key role in Liebherr's long-term vision and strategy. This allows Liebherr-Aerospace and Transportation Systems to develop technologies that are employed in next generation aircraft and rail vehicles as well as in the automotive industries.

About the Liebherr Group

The Liebherr Group is a family-run technology company with a highly diversified product portfolio. The company is not only one of the largest construction equipment manufacturers in the world, but 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, employs more than 48,000 staff and in 2019 achieved combined revenues of over 11.7 billion euros. Since its foundation in 1949 in Kirchdorf an der Iller in Southern Germany, Liebherr has been pursuing the goal of achieving continuous technological innovation, and bringing industry-leading solutions to its customers.

Image



SAIC Maxus EUNIQ 7.jpg

A Liebherr fuel cell air compressor is part of the PROME P390 fuel cell system built into the EUNIQ 7. - © SAIC Maxus

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