

Webasto shows its expertise at the IAA Mobility

The top 100 automotive supplier is demonstrating its innovative strength in the areas Roof and Electrification between September 5 and 10, 2023 in Munich.



Stockdorf – August 22, 2023 – The future of mobility is electrifying and fascinating. Webasto is driving this development with its **innovative and sustainable technologies**. The automotive supplier's solutions support manufacturers on the way to electromobility and create an exceptional driving experience.

Under the motto "**Powering e-volution**," Webasto is presenting powerful and efficient heating and battery systems for passenger cars and commercial vehicles at the IAA Mobility trade fair in Munich. The world market leader for roof systems will surprise visitors with innovative functions that provide a new kind of driving experience, meet the highest design standards and enable autonomous driving.

Webasto will be present at the **Summit in Hall B3, Booth C40**.

At the **Open Space at the Odeonsplatz, Booth OP330**, Webasto invites visitors to discover and experience its products from September 5 to 10. The power of the electric drive can be felt while driving in an electric bus fitted with a battery system from Webasto on the **Blue Lane** between the Summit and Open Space.

You can find information about the appearance of Webasto at the trade fair at our micro site:
<https://www.webasto-group.com/en/iaa-mobility>

Innovations and trade fair highlights from Webasto at a glance

Roof – innovative roof systems for an extraordinary feel-good atmosphere

- **Convertible roof with glass panel and switchable glazing**
Webasto is exhibiting a completely retractable convertible roof. When closed, an integrated glass panel offers an unobstructed view of the sky. PDLC (Polymer Dispersed Liquid Crystal) switchable glazing technology is also incorporated into a convertible roof for the first time.
- **Panoramic roof with ambient light and switchable glazing**
In a large fixed panoramic roof, Webasto is integrating ambient light and segmented switchable glazing technologies together in a single-pane for the first time.
- **Openable roof system with ambient light and switchable glazing**
For the first time, Webasto is also showcasing the surprising light effects or blackout possibilities offered by high-tech glass in an openable roof system for the first time.
- **Largest openable solar roof in the world**
Webasto integrates modern solar cells into the glass of a large openable roof system. Thanks to solar energy, the range of electric vehicles can be extended or aid the air conditioning of the vehicle's interior.
- **Openable roof system for autonomous driving**
The Roof Sensor Module (RSM) from Webasto elegantly combines lidar and camera technologies as well as sensor availability functions in an openable roof system. This not only facilitates an appealing novel design, but also supports automated driving.
- **Panoramic display**
At the touch of a button, a panoramic display included in the roof transforms the rear of the vehicle into a private cinema and creates a feel-good atmosphere in the interior.

Electrification – powerful and efficient heating and battery systems for electromobility applications

- **Ideas for the battery of the future**
Webasto is encouraging exchanges on more sustainable battery systems with an exhibit made of wood and recycled materials. The automotive supplier is investigating methods of making manufacturing as environmentally friendly as possible and simplifying the recycling process.
- **Futuristic concept study**
From battery systems and high-voltage heaters to vehicle roofs with integrated solar cells – in a concept study, Webasto vividly presents its system know-how for electromobility.

- **Individualized battery system**
Thanks to a modular design approach, Webasto develops customized battery solutions for passenger cars and commercial vehicles that meet its customers' requirements.
- **CV Standard Battery System**
With a system configured for 400 or 800 volts and a capacity of up to 630 kilowatt hours, the Webasto CV Standard Battery System is suitable for all types of commercial vehicles.
- **CV NextGen Battery**
The CV NextGen Battery for commercial vehicles is a further development of the CV Standard Battery System which offers additional advantages such as higher energy density and smaller installation space requirements.
- **Vehicle Interface Box (VIB)/Vehicle Interface Gateway (VIG)**
With the Vehicle Interface Box (VIB), Webasto provides an efficient interface between the battery system and commercial vehicle. This allows up to ten batteries to be controlled within a single system. The Vehicle Interface Gateway (VIG) is a small and compact battery management system for up to 18 battery packs.
- **Field Data Monitoring (FDM)**
The Field Data Monitoring (FDM) telemetry service enables commercial vehicle makers to collect diagnostic data from their Webasto CV Standard Battery System, providing an overview of the performance and condition of their traction batteries. Moreover, additional services such as software updates and remote maintenance, as well as extended warranty services, are also available.
- **Electrical Battery Thermal Management (eBTM)**
The Webasto eBTM is a stand-alone thermal management unit for traction batteries. It ensures that water-cooled battery packs in electric commercial vehicles function optimally and guarantees ideal battery cell performance over the long term.
- **HVH 100 high-voltage heater**
In electric and hybrid vehicles, the high-voltage heater from Webasto tempers both the vehicle's interior and the batteries. The HVH 100 delivers up to ten kilowatts of heating power and operates at voltages of up to 870 volts.
- **HVH 100 compact high-voltage heater**
Smaller in size and weighing less, the HVH 100 compact, which will be available from 2024, offers a heat output of up to ten kilowatts and is suitable for voltages of up to 870 volts.
- **HVH 120 high-voltage heater**
Webasto is presenting a powerful heating solution for trucks in form of the HVH 120. It delivers a heating power of up to 12 kilowatts and will be available from next year.

- **Next Generation Coolant Heater**

Webasto sets new standards for electric heating with the Next Generation Coolant Heater. The system is based on proven ceramic heating solutions integrated into a heat exchanger optimized to save installation space. Thanks to its platform concept, the Next Generation Coolant Heater is suitable for both 400- and 800-volt vehicle architectures and its heat output is scalable between three, six and nine kilowatts.

About Webasto:

As a global innovative systems partner to the mobility industry, Webasto is one of the 100 largest suppliers to the automotive sector worldwide. In development, manufacturing and sales, the company focuses on roof systems on the one hand and on vehicle electrification on the other hand. The product range includes openable and fixed panoramic roofs, electric high-voltage heaters and batteries, as well as thermo management solutions. Among the customers of Webasto are manufacturers of passenger cars, commercial vehicles, and boats, as well as dealers and end customers. In 2022, the Group generated sales of over 4 billion euros and employed about 16,800 people at more than 50 locations. The headquarters of the company, which was founded in 1901, is located in Stockdorf near Munich (Germany). For more information, please visit www.webasto-group.com

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