

Webasto at Auto Shanghai 2019: Innovative Solutions for the Mobility Trends of Today and Tomorrow

Stockdorf/Shanghai – April 17, 2019 – Under the motto “Future Mobility Driver” Webasto presents its innovative solutions for the megatrends of mobility at this year’s Auto Show in Shanghai (**hall 6.2, booth 6BE101**). The systems partner to almost all automobile manufacturers is exhibiting its solutions in the field of electromobility as well as new developments in its core businesses roof and thermo systems. Additionally, Webasto will be highlighting its ideas for the future of mobility by using a digital vehicle concept. This interactive exhibit underscores the systems competence of the automotive supplier while presenting very impressively how Webasto solutions add value to individual transportation of tomorrow. By outlining scenarios of autonomous driving, electrification of the drivetrain and a special experience within the cabin it visualizes how the competencies of Webasto provide key functionalities and outstanding comfort for the future of mobility.

“The Motto of this year’s Auto Shanghai is “Create a Better Life” – this fits perfectly to us and to what we show at the booth. It is what we strive for. We create the future of mobility together with our customers,” says Dr. Holger Engelmann, Chairman of the Management Board, Webasto SE. “We consistently pursue our dual strategy of strengthening our core business areas with the development of new technologies and the expansion of our existing facilities. As well as on the other hand building up new businesses for the mobility trends”, adds Engelmann. “Here in China, we extended our roof business and setup successfully the development and production of our electromobility portfolio. This enables us to offer also to our Chinese customers a comprehensive range of solutions that are locally manufactured and satisfy their requirements,” explains Jan Henning Mehlfeldt, the new President China of Webasto.

Highly efficient solutions for electric and hybrid vehicles

Webasto presents its high voltage **Standard Battery System** that has the advantage of its modular design. Due to the use of standardized modules the product development process is shortened and the battery system is applicable in several vehicle segments. In addition, the corresponding Vehicle Interface Box (VIB) was developed as an interface between the battery system and the vehicle for user-defined system configurations and programming. The smart chargers **TurboDX** and **Webasto Live** allow flexible and future-oriented networking via the mobile network or via Bluetooth and thus can be controlled via app. Further connections such as LAN and WLAN make it possible to connect several charging stations with each other or integrate them into existing networks. A unique selling point of the Webasto Live is that, in addition to authentication via RFID or smartphone, it already supports the activation of charging processes via Plug & Charge. Thanks to their connectivity, the chargers Live and TurboDX™ are not only designed for end customers, but also for automobile manufacturers and commercial customers with their own vehicle fleets. In addition to that, Webasto is presenting the basic charger **Webasto Pure** and the portable charger **TurboCord** for convenient charging on the go.

Heating solutions for all drive types

With the **High-Voltage Heater** (HVH) the Webasto range also includes the appropriate high-performance heating system for hybrid and electric vehicles. The HVH creates pleasant temperatures in the interior and is simultaneously able to take care of the necessary conditioning of the battery, thereby ensuring that their efficiency is fully realized. Thanks to the efficient heating layer technology, the heater converts the stored electrical energy into heat with almost no loss, at an efficiency that is

constantly above 95%. The high-voltage heater models from Webasto are designed for on-board power supply voltages of between 250 V and 870 V and are offered with heat outputs 5.7 kW and 10 kW. Multi-level safety measures are integrated into the Webasto HVH to ensure the highest levels of safety and robustness – even at high voltages. Alongside the already proven **air heater** Air Top 2000 STC and the **water heaters** from the Thermo Top Pro series, Webasto is also exhibiting the Thermo Top Evo. With these flexible and convenient heaters Webasto has actively shaped the trend towards water heaters. In addition to heating the driver's cab, these water heaters also heat the vehicle's own coolant circuit, thereby pre-heating the engine before commencing the journey. This not only reduces fuel and energy consumption, but also makes a valuable contribution in terms of cost savings and environmental protection. For the easy handling, the parking heaters can be controlled via the Webasto Thermo Call app.

Innovative roof systems for a special individual experience

Webasto provides various technologies for personalization, exclusive design and a special driving experience with its innovative sunroof, panorama roof and convertible roof systems. The interior of a vehicle and the experience for driver and passenger grow increasingly important. More light and more space are the key demands. Megatrends such as autonomous driving and electro mobility drive this demand even further. **Ambient Lighting** illuminates the interior space with light that is colored in four different shades, and thus creates a pleasant atmosphere for drivers and their passengers, especially in the dark. Another technology that enhances comfort and driving experience is Webasto's **Switchable Glazing**. The market leader for roof systems was the first automotive supplier to present switchable glazing in a panorama roof. It allows for a flexible management of the panel's translucence. At the press of a button the glass panel either darkens or becomes transparent again. The sunblind is rendered superfluous, thereby saving precious installation space. Innovative materials as **Paper Honeycomb (PHC)** open up new possibilities in roof design. At the booth an outer sliding roof system shows how the low weight allows for creating a roof with two removable panels. An infrared absorbing roof system made of **Polycarbonate** reduces the heat in the car. Polycarbonate is very impact-resistant, moldable and lightweight. An especially large example of such a roof system is displayed at the booth.

Webasto maintains a strong market position – worldwide and in China

“As in previous years, in 2018, our sales in China increased again by more than 6%. Thus, the largest single automotive market worldwide has also extended its top spot as our largest single market once more”, explained Dr. Holger Engelmann, Chairman of the Management Board, Webasto SE, at the press conference in Shanghai. In view of the consistent growth potential of the Chinese market, Webasto continues to expand its production network. The expansion of the existing Wuhan plant will be completed by the end of 2019, making it Webasto's largest production facility worldwide. Also in 2019, in Jiaying, Webasto will open a new plant with R&D, production, testing and prototyping facilities for sunroof and battery systems.

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About Webasto:

The Webasto Group is a global innovative systems partner to almost all automobile manufacturers and among the top 100 suppliers in this industry sector. The company's product portfolio comprises a broad range of roof and heating systems for every type of vehicle and all drive types as well as battery systems and charging solutions. Moreover, Webasto has a strong position in the aftermarket providing dealers and end customers with customized solutions and services relating to thermo management and electromobility. In 2018 the company generated sales of 3.4 billion euros and had over 13,000 employees at more than 50 locations (with over 30 of these being manufacturing plants). The headquarters of the company, founded in 1901, is located in Stockdorf near Munich (Germany). For more information please visit www.webasto-group.com / www.twitter.com/WebastoGroup

