

P R E S S R E L E A S E

Agrishow Brazil 2022: Perfect climate in off-highway vehicles

- **Optimal temperatures in off-highway vehicles during long working days**
- **Prevention of dust particles and pollutants in the cabin air**
- **Air-conditioning systems for every application**

Esslingen (Germany) / Ribeirão Preto (Brazil), February 22, 2022 – **To make sure drivers of tractors, combine harvesters etc. can focus on their work even in extreme heat on long working days, pleasant temperatures and airflow in the driver's cab is essential. The experts of the Eberspaecher Group offer reliable thermal management solutions for comfort and safety in off-highway vehicles. The company will present their comprehensive product range at the Agrishow Brazil 2022. From April 25 to 29 visitors to Stand G14d will find products such as the pre-assembled evaporator system KAB for comfortable climate or the K Protec for a pollutant-free air in driver's cabs of all sizes as well as the new Airtronic 3 air heater generation.**

Eberspaecher offers climate control solutions to meet almost every application requirement. With the **KAB**, the company presents a pre-assembled evaporator system that integrates air distribution and manual operating elements. It can be easily installed in the cab roof. KAB is also available as a combined HVAC version for heating, ventilation and cooling. No matter the size of the cab: One of the over ten system variants ensures a comfortable climate. The KAB has also been adapted to the needs of battery electric vehicles. In this case, the cabin is heated by PTC elements.

One-stop air-conditioning expertise

Eberspaecher's AC process expertise starts directly at the beginning of the cabin development to its mass production. This includes the use of thermal software and CFD calculation as well as application engineering and test benches in climatic chambers. The broad portfolio of air-conditioning systems includes cooling solutions for many demands and applications – like the evaporator unit **HK EVO4 Kombi**. It is mounted in the cabin roof and is especially suitable for harsh environments or very hot temperatures. The very thin ceiling air conditioner with a cooling power of 8.6 kW is designed for large cabins. Eberspaecher air conditioning solutions can also be operated together with the company's heating systems by using the **PCK3 FOH** operating element, for example.

The thermal management experts also offer cabin pressurization systems, like the **K Protec**: A filter system and an overpressure generated in the driver's cab prevent pollutants and dust from entering. In the future, it is possible to automatically switch between a category 4 (pollutants) and category 2 (dust) filter to save the category 4 filter life time. K Protec enables cab certification in accordance with EN 15695 Category 4.

Warm cabin and engine with fuel operated heating solutions

Engine-independent air and water heaters provide a comfortable temperature in the driver's cab during the working day – both before and while driving as well as during break-times. The new generation of Eberspaecher's air heater Airtronic 3 combines state-of-the-art technology with proven functions for fast cab heating. Four model variants in a total of twelve versions of the Airtronic 3 meet all application requirements. The **Airtronic S3** for example is suitable for cabin heating of tractors. Depending on the version of the Airtronic 3, the integrated altitude adjustment automatically adapts to altitudes of up to 5,500 meters. If in addition to the cabin also the engine needs to be (pre-)heated, water heaters like the Eberspaecher **Hydronic S3 Economy (12 V) and Commercial (24 V)** are optimal solutions. The heating systems convince with low fuel consumption and a service life of up to 5,000 hours depending on the version.

Eberspaecher heating systems can easily be controlled by different operating elements, such as **EasyStart Pro**.

Captions:

- *Optimal climate in the driver's cab of agricultural machinery with one of over ten system variants of the Eberspaecher KAB.*
- *The evaporator unit HK EVO4 Kombi is mounted in the cabin roof.*
- *The new air heater generation Airtronic 3 provides fast cab heating capability.*

Global Media Contact:

Anja Kaufer
Head of Corporate Communications
Eberspächer Group
Phone: +49 711 939-0250
press@eberspaecher.com

About Eberspaecher:

With approximately 10,000 employees at 80 locations worldwide, the Eberspaecher Group is one of the automotive industry's leading system developers and suppliers. The family business, headquartered in Esslingen am Neckar, stands for innovative solutions in exhaust technology, automotive electronics and thermal management for a broad range of vehicle types. In combustion or hybrid engines and in e-mobility, the components and systems from Eberspaecher ensure greater comfort, higher safety and a clean environment. Eberspaecher is paving the way for future technologies such as mobile and stationary fuel cell applications, synthetic fuels as well as the use of hydrogen as an energy carrier. In 2020, the Group generated revenue of more than 4.9 billion euros.