DRIVING THE MOBILITY
OF TOMORROW

Eberspächer

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

Eberspaecher at EIMA 2021: Thermal management solutions for agricultural machinery

- **New Airtronic 3 air heater generation for comfortable warmth**
- **Compact and powerful cooling and heating with VK9**
- **Pollutant-free air in the driver's cab thanks to K Protec**

Esslingen (Germany), 10 August 2021 – **From 19 to 23 October 2021, Eberspaecher will present its heating and cooling solutions for agricultural and forestry machinery at EIMA in Bologna, Italy, in Hall 15, Stand E13. With its broad portfolio in thermal management solutions for every application, Eberspaecher's products provide comfort and safety for the daily work no matter the season or weather: With the new Airtronic 3, the company presents the third generation of its proven fuel operated air heater family. Another highlight is the new modular VK9 system offering powerful air conditioning and heating for driver's cabs. With the K Protec, Eberspaecher shows its pressurization system for pollutant- and dust-free air.**

Drivers of tractors, combine harvesters etc. have to be focused on their work even in hot or cool outside temperatures. Thus, optimal climate in the driver's cab is very important. Fuel operated air heaters like the Airtronic are the optimal solution to (pre)heat the cabin to a comfortable temperature as well as offering pleasant warmth while the engine is turned off – for example, during break-times. With the **third generation of the Airtronic**, Eberspaecher is relaunching its previous air heater family and taking it to a new technical level across all performance classes (2 to 8 kW). The new generation combines state-of-the-art technology with proven functions. Depending on the version, the integrated altitude adjustment automatically adapts to altitudes of up to 5,500 meters. The product family

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consists of four model variants in a total of twelve versions to meet all application requirements. The **Airtronic S3** for example is suitable for cabin heating of tractors. Eberspaecher heaters can be controlled using the **EasyStart Pro** operating element, among others.

Modular heating and cooling systems

To provide powerful heating and cooling, the new **VK9** modular heating and air-conditioning system for agriculture applications comes with a cooling capacity of 8 kW and a heating capacity of 9 kW. It is available in different versions for heating or cooling only or as combined HVAC variant – also as eHVAC for the use in battery electric vehicles. In this case, the cab is heated by PTC elements. Control can be done either by an integrated or remoted control, depending on the application requirements. Thanks to its compact design and modular ducting and air distribution options, the VK9 is the perfect solution for any vertical HVAC integration. The HVAC management system **KanBox** enables the control of different HVAC components via CAN bus with the vehicle control panel as it integrates the HVAC to the vehicle diagnostic system. The system allows the vehicle operator to choose the individual preferred control option.

Pollutant- and dust-free air in the driver's cab

Especially for the operation in agriculture applications, Eberspaecher Kalori also offers cabin pressurization systems. The **K Protec** is a filter system: An overpressure generated in the driver's cab filters out pollutants and dust particles from the cab air, while the overpressure prevents them from even entering. K Protec enables cab certification in accordance with EN 15695 Category 4 and can be combined with HVAC systems from Eberspaecher Kalori, like VK9 for example.

Captions:

- *The newly designed exterior also sets the Airtronic 3 apart from its predecessor.*
- *With KanBox, HVAC components can be controlled with the vehicle control panel via CAN bus.*
- *K Protec is a filter system for pollutant- and dust-free air in the driver's cab.*

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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 (Purem by Eberspächer), automotive electronics and thermal management for a broad range of vehicle types. Eberspaecher components and systems provide more comfort, greater safety and a cleaner environment on or off the road. In 2020, the Group generated revenue of more than 4.9 billion euros.