



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

Thermal management solutions from Eberspaecher at bauma China 2020

- Pleasant temperatures in construction machinery at all weather conditions
- Evaporator systems and electrical heaters for driver's cabs
- Increased comfort and safety on construction sites

Esslingen (Germany) / Shanghai (China), 15 September 2020 – **Excavators, cranes or other construction machinery must be ready for use at any weather conditions. No matter if it's freezing cold or extremely hot – drivers need optimal climate in the driver's cab to focus on their work and ensure a safe working process. The experts of the Eberspaecher Group offer reliable thermal management solutions for comfort and safety in construction machinery. From 24 to 27 November 2020, the company will present their heating and cooling solutions at bauma China 2020 at booth W2.640.**

To keep a cool head in the summer and to concentrate and focus on the task at hand, Eberspaecher and the Group's air-conditioning specialist Eberspaecher Kalori offer climate control solutions for every kind of construction machinery – from plain air-conditioning to complete thermal management. This includes a broad portfolio of HVAC systems for different applications. The Eberspaecher Kalori **Falkon Kombi** evaporator, for example, provides 7.7 kW cooling performance and 10 kW heating power. It is also available as an air-conditioning only version with 9 kW cooling performance and a fully electrical variant. It is highly efficient and enables compact air conditioning for all kinds of driver's cabs. With its compact and flexible design, the Falkon Kombi is easy to install in various positions inside the cabin.

Solutions dedicated to electrical heating

To ensure comfortable warmth in colder environments, the company's product range also includes solutions only for heating. As one example of various heating solutions, the Eberspaecher Kalori **Alizé 2 VI Elec** heats the vehicle with PTC heating elements: With their in-built self-control effect, these high-performance PTC elements protect against overheating, enable safe, powerful, and quick heating. The air heater provides a heat output from 1,6 to 2,2 kW with a voltage range from 24 to 120 V, depending on the system variant. It is equipped with a safety thermal switch and an integrated manual power controller to manage the two heating power levels. It is dedicated to forklift trucks or electric handling machines with small-sized cabs.

The Eberspaecher **Titronic CCHV 50 G3** has been specially developed for heating not only the interior of hybrid and electric vehicles, but also for battery conditioning. The compact high-voltage coolant heater is suitable for vehicles with an operating voltage range of up to 450 V. It warms up the driver's cab using PTC technology and enables a fast heating: At 0 °C, a heat output (up to 5 kW) from 0 % to 100 % is achieved in 14 seconds. Thanks to the flexible installation position, the heater is an ideal solution for electric sweepers, mining machinery and any other vehicle with an electric or hybrid drive.

Captions:

- *The Eberspaecher Kalori Falkon Kombi HVAC ensures comfortable climate in construction machinery.*
- *The electrical heater Alizé 2 VI Elec from Eberspaecher Kalori is also available in a water-heat exchanger version.*
- *Fast, powerful and reliable electrical heating thanks to the Eberspaecher Titronic CCHV 50 G3.*

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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, 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 2019, the Group generated revenue of more than 4.9 billion euros.