

## P R E S S   R E L E A S E

### **Eberspaecher presents bus and coach thermal management solutions at Prawaas 3.0**

- **All-electric air conditioning: New AC135 AE platform for hybrid and battery-electric driven buses**
- **Efficient cooling: Fifth generation of the all-round platform AC353**
- **Clean air: Virus inactivation in bus AC with Eberspaecher UV-C LED solution**

*Esslingen (Germany) / Hyderabad (India), 3 August 2022 – At Prawaas 3.0 in Hyderabad (India), Eberspaecher is presenting its broad portfolio of efficient and eco-friendly AC systems for buses and coaches. On August 5 and 6, 2022, visitors to Stand P1.14, Hall1 are invited to experience the new all-electric air-conditioning system AC135 AE enabling perfect temperatures in every type of large and mid-size buses, among others. The German thermal management expert is also presenting its Clean Air solutions for virus inactivation inside the bus for safer travelling. As one of the sponsors of the trade show, Eberspaecher is underlining the importance of the company's Asia-Pacific bus and coach business.*

Market forecasts show that by 2030, 40 percent of the bus fleet in India will purely consist of BEVs. In this context, the Indian market is considered a pioneer of a global trend: the electrification of public transport with a focus on large cities. To meet the requirements of the market, German-based automotive supplier Eberspaecher has developed an all-electric air-conditioning system for hybrid and battery-electric driven buses for customers especially in India, Middle East and Asia – the **AC135 AE** platform. This thermal management system for large and mid-size buses comes with an integrated inverter, battery thermal management and customer-specific software. The energy efficient product platform of the AC135 AE is available in different versions providing heating and cooling

performance levels from 30 kW to 40 kW. By producing the AC135 AE in Bangalore (India), Eberspaecher is further strengthening the significance of the Indian Eberspaecher plant as a hub for the Asia-Pacific region and supporting the company's objective of shaping the clean mobility of tomorrow. For clean urban mobility, all-electric bus AC systems from Eberspaecher are already produced in Poland and Mexico to supply the European and American markets.

### **Pleasant climate in buses and coaches with conventional drive types**

With the fifth generation of the AC353, thermal management expert Eberspaecher offers an all-purpose inline roof-mounted AC system to be used in intercity buses and coaches in any climate conditions. The **AC353-5** comes with an optimized condenser and improved heat exchanger design. That leads to significant reduction of weight, refrigerant (up to 15 %), power and fuel consumption as well as an increased efficiency of the AC system. As with the previous product generation, all performance variants are equipped with the same interface for an easier on-roof installation and reduced roof structures variances. Five product variants with different heating and cooling performance levels allow the use in all regions of the world: The AC353-545 for example is the ideal solution for areas with hot and tropical climate.

### **Improved air quality in public transport and coach travel**

To make travelling by bus and coach safer, Eberspaecher offers its [Clean Air solutions](#) to provide complete air purification inside buses: Particulate Filters and the Polarised Media Electronic Air Cleaner in the bus AC system capture contaminated water droplets. UV-C LED modules are the ideal solution to inactivate viruses: 100 percent of the air inside the bus moving through the air-conditioning unit is treated and up to 99.9 percent of this is sterilized by the UV-C LED modules. The modules can be used either inside the roof-mounted air-conditioning system or within the bus air channels. Thus, this solution can be adapted to almost any kind of bus air-conditioning system and is available as a retrofit package.

### **Background Prawaas 3.0**

Prawaas 3.0 aims to bring all the stakeholders from the Bus & Car operator and allied sector on a single platform: For the first time ever, both Public & Private Bus operators will come together to explore possibilities of deeper collaboration and evolving better Public Private Partnership models. The event is organized by Bus & Car Operators

Confederation of India (BOCI), a National Apex body of Bus & Car fleet owners and operators and will see a congregation of over 4,000 Bus & Car operators, business visitors and other stakeholders from Pan India.

**Captions:**

- *The Eberspaecher AC135 AE is especially developed for hybrid and battery-electric driven buses in the Asia-Pacific region.*
- *The AC353-545 is the ideal solution for areas with hot and tropical climate.*
- *Eberspaecher's Clean Air solutions provide complete air purification and a safer environment not only for passengers, but also for vehicle operators and maintenance personnel.*

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**About Eberspaecher:**

*With approximately 10,600 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 2021, the Group generated revenue of around 6.0 billion euros. Net revenue adjusted for transitory items amounted to 2.3 billion euros.*