



PRESS RELEASE – 28. JULY 2022

## **Market launch for ECOOLTEC: Transport refrigeration machines for tomorrow's world**

- **ECOOOLTEC Grosskopf GmbH technology available today to meet current and future challenges facing refrigerated transport**
- **Employees with extensive industry experience enable technological lead**
- **ECOOOLTEC launch at the IAA Transportation Hanover in September 2022**

**ECOOOLTEC Grosskopf GmbH aims to offer the refrigerated transport industry solutions to the challenges posed by environmental regulations and CO2 certification. To this end, ECOOLTEC has developed a new generation of particularly sustainable, efficient and safe refrigeration machines for a wide range of applications. The start-up has optimal prerequisites such as secured financing and experienced employees, most of whom have worked for decades in the field of transport refrigeration.**

Market launch for ECOOLTEC Grosskopf GmbH and for a revolutionary generation of transport refrigeration machines: The company's founder and patron Peter Grosskopf, thanks to his extraordinary expertise, repeatedly generated new impulses and standards in the transport refrigeration industry over the past 40 years. ECOOLTEC has continued to drive forward progress by developing innovative transport refrigeration machines to meet the current and future challenges facing temperature-controlled transport. The newly founded company, situated in Mülheim an der Ruhr, is helping to defining a new state of the art in transport refrigeration.

Technological highlights of the new refrigeration machines are the almost emission- and CO<sub>2</sub>-free drive, the use of natural refrigerants with single-figure global warming potential, an overall height of only 250 millimetres for installation in the refrigerated vehicle roof, highest operational safety together with enormous available cooling capacity, coupled with extraordinary energy efficiency.

### **Refrigerated transport without harm to people and the environment**

ECOOLTEC's primary goal is to offer customers in temperature-controlled transport forward-looking, environmentally friendly technologies. "We are dedicated to the task of ensuring that all temperature-controlled transports can be carried out with the help of forward-looking technologies without burdening people or the environment," explains ECOOLTEC CEO Henning Altebäumer. "Almost the entire cold chain today could be operated without fluorinated greenhouse gases, just not the transport refrigeration sector. ECOOLTEC's system now closes that gap and enables the food industry, for example, to actually offer ice cream and frozen pizza with the greenest footprint," explains Dr. Jürgen Süß, who as Chief Technology Officer (CTO) at ECOOLTEC is responsible for the technology.

### **ECOOLTEC refrigeration machines are suitable for urban and long-distance operation**

As a result of the tightening of environmental regulations, electric drive technology will become indispensable in all refrigerated transport applications. ECOOLTEC therefore plans to market worldwide its innovative roof-mounted refrigeration units with fully hermetic refrigeration circuits. The units are suitable for a wide range of mobile applications. They can be used for the largest as well as for compact box bodies, for trailers and rigid vehicles, in both short and long-haul operations. ECOOLTEC also plans to offer equipment to suit refrigerated home delivery vehicles.

The components specifically developed for the refrigeration machines can already be produced particularly economically in large quantities; they can also be used by companies that use refrigerated containers (reefers) as well as air-conditioning systems for buses and trains.

### **A team with industry experience forms the basis of the technological lead**

In addition to the senior management consisting of Henning Altebäumer, Dr. Jürgen Süß and Peter Großkopf, the company's founder and consultant, a team of employees with extensive industry experience and fully qualified transport refrigeration engineers are also responsible for the innovative technology. This structure helps to form the basis of ECOOLTEC's technological lead. The company has harnessed decades of experience in temperature-controlled transport to put innovative ideas into practical use.

In 1978, the renowned transport refrigeration expert Peter Großkopf founded FRIGOBLOCK Grosskopf GmbH, which he built up and managed until its sale in 2015. Under his leadership, the company quickly developed into one of the largest European manufacturers of high-quality transport refrigeration machines, with the name FRIGOBLOCK at that time becoming the trademark of high-performance, environmentally friendly, durable and cost-saving vehicle refrigeration systems.

### **Foundation of ECOOLTEC at the request of many customers**

Shortly after the sale of FRIGOBLOCK, Peter Großkopf decided to found Umweltstiftung Grosskopf GmbH, from which ECOOLTEC Grosskopf GmbH has since emerged. Since then, it has seamlessly continued the development of future-oriented transport refrigeration machines.

The founding of ECOOLTEC was also a result of customer requests, so that the company can immediately benefit from the interest expressed by a significant

number of parties. Funds of up to 50 million euros are available to ECOOLTEC Grosskopf GmbH via Umweltstiftung Grosskopf GmbH.

## **ECOOLTEC at the IAA Transportation in Hanover**

ECOOLTEC will be presenting itself to the public at the IAA Transportation in Hanover from 20 to 25 September 2022. In Hall H27, Stand A16, all visitors can experience the future of transport refrigeration.



### **Caption**

*CEO Henning Altebäumer and CTO Dr. Jürgen Süß lead ECOOLTEC Grosskopf GmbH. The company focuses on the development of particularly sustainable, efficient and safe refrigeration machines.*

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