



ebm-papst at the Innotrans in Hall 4.2, Stand 115 **Efficient and high-performance products for rail technology**

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Increasing mobility in the face of advancing globalisation requires new solutions in rail transport. A trend can be seen towards motor-related and aerodynamically ultra-efficient blowers with improved noise behavior and high air performance. Here, ebm-papst is excellently prepared with the necessary competence in the fields of motor technology, electronics and aerodynamics.

For the first time, ebm-papst is presenting the new Power Blower, a blower whose air performance has been increased by more than 20%, at the Innotrans, the international trade fair for transport technology, in Hall 4.2, Stand 115. The blower is mechanically and electrically compatible with the familiar dual centrifugal blowers from the ebm-papst automotive product range. The enormous efficiency of this product is far and away above the market standard and offers the customer new possibilities, for example in the fields of air-conditioning, heating and ventilation. With these power packs, unprecedented air volumes can be displaced, even with high back pressures, in extremely compact installation spaces. The blower satisfies the requirements specified in DIN 5510.

In addition, manufacturers attach great value to operating capability under harsh environmental conditions and to a much longer service life. The new generation of brushless axial compact fans from ebm-papst for use in railway applications is certified by the VDE as compliant with protection rating IP6k9k, which is why, together with its great reliability, it is the unit of choice that is employed by leading manufacturers of air-conditioning systems in rail technology.

Picture: The new Power Blower provides for 20% greater air performance.

About ebm-papst

The ebm-papst Group is the world's leading manufacturer of fans and motors and is a pioneer and pacesetter for ultra-efficient EC technology. In the last fiscal year 09/10, the company generated turnover of 986 million euro. ebm-papst employs over 10,000 people at 17 production facilities (including Germany, China, USA) and 57 sales offices worldwide. Products of the global market leader are represented in many industries, including ventilation, air-conditioning and refrigeration technology, household appliances, heating engineering, in IT/telecommunications applications, as well as those in automotive and commercial vehicle engineering.