

Automotive industry faces change - ebm-papst shows latest developments at IAA 2009

Hauke Hannig
Assistant Managing Director
Press Spokesperson
Phone: +49 7938 / 81-7105
Fax: +49 7938 / 81-97105
Hauke.Hannig@de.ebmpapst.com

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Mulfingen/Frankfurt,

With the threat of fossil fuel scarcity and incipient climate change, the automobile world is standing before a change. As the world's leading manufacturer of high-efficiency fans and motors, ebm-papst has demonstrated for years that technical progress and environmental protection are not a contradiction, but rather an inseparable whole.

At Stand B10 in Hall 4.0 of the IAA international motor show in Frankfurt, the development specialist will present new innovations and ideas for future automotive applications. The trade fair opens on 17 September 2009.

In **hybrid technology** - the number one sustainability issue in the automotive industry - ebm-papst will show innovative concepts from hybrid battery ventilation to the intelligent pump drive and from the fuel cell fan to the special clutch actuator.

For **reducing CO2 and other emissions**, the company will present effective cooling systems for LED headlights, newly developed pump drives for exhaust gas treatment and power-on-demand applications that replace the conventional belt drive of many auxiliary systems.

In the **comfort area**, ebm-papst excels as a pioneer of seat ventilation and head space heating systems. Also featured will be its range of auxiliary heating and sensor blower products for automatic climate control systems.

In terms of **driving dynamics**, the development partner will show innovative drive solutions for active steering, rear-axle steering and torque vectoring systems that optimise conventional systems with new types of functions.

"We have addressed fossil fuel scarcity and climate change at an early stage, which are two current topics of the automotive industry", says Dirk Schallock, Managing Director of the ebm-papst company's location in St. Georgen. "Thus we can offer our customers - the manufacturers and system suppliers of the automotive industry - a number of suitable solutions and concepts, which we will feature at the IAA 2009".

Image 1: Whether safety or driving comfort - ebm-papst BLDC drives replace hydraulic systems or realise entirely new driving dynamics concepts.

About ebm-papst

The ebm-papst Group is the world's leading manufacturer of fans and motors and is a pacesetter for the ultra-efficient EC technology. In the last fiscal year 2008/2009, the company generated turnover totalling 1.056 billion EUR. ebm-papst operates 17 production sites (including those in Germany, China, and the USA) and 57 sales offices worldwide, employing 9,700 members of staff. 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.

More information is available at www.ebmpapst.com or from Hauke Hannig – hauke.hannig@de.ebmpapst.com – +49 7938-81-7105