

HyBlade® is among the winners of the 7th Materialica Design + Technology Award 2009

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On 13 October 2009, the MATERIALICA Design + Technology Award was presented for the seventh time on the occasion of the MATERIALICA Trade Fair. This award stands for excellent, innovative design or engineering achievements in the Material, Surface / Technology, Product, CO₂ Efficiency and Student categories. In addition, the jury presented a Best-of-Student Award and a special prize, the CO₂ Efficiency Award.

The EC HyBlade® series of axial fans from ebm-papst convinced the jury in the "Product" category by its very high energy efficiency and improved noise behaviour. Unlike conventional die-cast aluminium blades, the fan blades consist of an aluminium inlet that was sprayed with fibreglass-reinforced plastic. The metallic carrier absorbs the mechanical forces during operation and ensures a long-lasting connection to the rotor. The plastic gives the blade a shape that is optimised according to aerodynamic criteria. Winglets reduce unwanted air flows between the circumferential blade and wall ring, which improves the efficiency and the noise behaviour. The impact on the environment is significantly reduced by a resource-conserving production process and energy-efficient operation.

The renowned award is sponsored by MATERIALICA, the industry trade fair that for 12 years has stood for material-driven and supplier-oriented product innovations for materials applications, surfaces and product engineering, especially for the automotive, aerospace, mechanical engineering, medical technology, sport and consumer goods industries.

All award-winning products were on display in the Design Show at the MATERIALICA Trade Fair from 13 – 15 October 2009.



Image: Mr Rainer Müller (right) accepts the prize for ebm-papst and is delighted at this honour.

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
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