

## ebm-papst at the International Motor Show in Frankfurt

### Orbital Pump from ebm-papst for Clean Car Exhaust Conversion

The International Motor Show for passenger vehicles in Frankfurt will again be opening its doors to accredited and general visitors in September 2019. In hall 4.1, booth E13, ebm-papst is showing the latest ventilation and drive engineering solutions for automotive applications, including pumps for AdBlue additives and fans for climate-controlled seats.

The development of a new car means special requirements for component suppliers such as ebm-papst. With innovative ventilation and drive solutions, for many years ebm-papst has ensured that a wide variety of liquids, air and gases can be pumped inside vehicles.

#### Orbital pump for car exhaust conversion

At the International Motor Show, ebm-papst will show the new orbital pump and more. With its help, the AdBlue additive for car exhaust conversion is pumped from a tank to a nozzle in the catalytic converter. When the car is turned off, the pump sucks the liquid back into the tank provided. This way, the pump ensures that residual AdBlue does not remain in the line. Residual AdBlue would freeze at temperatures below - 7 °C and block the line. The orbital pump from ebm-papst is speed-controlled, cannot freeze, and has a special communications interface for interconnectivity within the car.

#### Sitting comfort thanks to air conditioning

Special centrifugal and axial compact fans are used for active climate-controlled seats. They suck in the cooler air beneath the seat and distribute it evenly across the sitting surface. This reduces the amount of perspiration moisture, resulting in increased sitting comfort during long trips in particular. And driving becomes less tiring.

#### Versatile solutions

The car solutions from ebm-papst are extremely versatile. The company's EC drives are used as oil pump drives for automatic transmissions, power steering motors, coupling actuators, and for rear-axle steering, for example. And it provides fans for the complex requirements of electronics cooling applications.

#### Reduced exhibition period for suppliers

ebm-papst is taking advantage of the reduced exhibition period for suppliers and therefore the last day of the company's booth at the 2019 International Motor Show from September 10-13 will be Friday, September 13.

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Fig. 1: At the 2019 International Motor Show, ebm-papst will present the orbital pump that pumps the AdBlue additive for car exhaust conversion into catalytic converters.

Fig. 1            ebm-papst  
Characters      Approx. 2,200, including headings and sub-headings  
Tags             International Motor Show, IAA, orbital pump, AdBlue, car emission conversion, seat ventilation  
Link              [www.ebmpapst.com](http://www.ebmpapst.com)

#### About ebm-papst

The ebm-papst Group, a family-run company headquartered in Mulfingen, Germany, is the world's leading manufacturer of fans and motors. Since the technology company was founded in 1963, it has continuously set the global industry standard. With over 20,000 products in its range, ebm-papst provides the best energy-efficient, intelligent solution for virtually every ventilation or drive engineering task.

In fiscal year 2018/19, industry leader ebm-papst generated revenues of 2.18 billion euros. It employs over 15,000 people at 28 production sites (e.g. in Germany, China and the US) and in 48 sales offices worldwide. Fans and motors from the world market leader are used in most industries, including ventilation, air conditioning and refrigeration, household appliances, heating, automotive and drive engineering.

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