

Dürr on track for growth in environmental technology

Bietigheim-Bissingen, **February** 28. 2019 Whether chemicals. pharmaceuticals, plastics or food: there are many products, the production of which can generate contaminants that are hazardous for both people and the environment. This is why exhaust air from production processes must be purified reliably. The technology for this is provided by the Dürr Group. With over 10,000 installed systems, its environmental technology division, Clean Technology Systems, is the world market leader in industrial exhaust-air purification technology. Due to stricter emission limits, the market for exhaustair purification systems is growing. With the acquisition of US companies MEGTEC and Universal, the Dürr Group has laid the groundwork for continued expansion in the environmental technology sector.

It is not just the established industrial nations that limit emissions. In view of growing environmental problems, emerging countries, too, are placing more and more emphasis on cleaner production processes. As a result, investment in environmental technologies is increasing – and this has an effect on the Dürr Group's figures: In 2018 the environmental technology division, Clean Technology Systems, recorded the Group's highest growth rates, with organic order growth of 28.6 %. Including the MEGTEC/Universal Group, which has been part of the Dürr Group since October, the increase was as much as 56.6 %. The emerging countries accounted for 44 % of demand for environmental technologies, with 28 % of orders coming from China.

Expanding world market leadership through the acquisition of MEGTEC/Universal

Through MEGTEC/Universal (2018: around € 200 million of sales, 865 employees) the Dürr Group has expanded its world market leadership. The acquisition of the US

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environmental technology specialist will double sales in exhaust-air purification technology to a good € 400 million and strengthens Dürr's competitive edge. The aim is to implement synergies and cost benefits in production, purchasing and sales. Ralf W. Dieter, CEO of Dürr AG, states: "Our customers benefit from a dense service network. Furthermore, Dürr is the only supplier offering all standard exhaust-air purification technologies from a single source."

The acquisition of MEGTEC/Universal is accelerating the Dürr Group's growth in environmental technology. In 2019, sales are anticipated to increase to as much as € 450 million; the EBIT margin should reach a level of 2 to 3 %, despite integration costs and purchase price allocation effects. By 2021 sales are set to increase to as much as € 500 million with an EBIT margin of between 6 and 7 %.

Being close to customers worldwide

"With MEGTEC/Universal we are continuing to expand our international reach. As a global player in environmental technology, we are close to customers wherever they are, and offer reliable project execution in any market", says Dr. Jochen Weyrauch, responsible for Clean Technology Systems on the Dürr AG Board of Management. Access to customers is improving, particularly in North America.

The range of buyers is also increasing. In the past, exhaust-air purification technology was mainly supplied to the automotive, pharmaceutical, chemical, food and printing industries. Now, customers also come from the metal, mining and timber industries, among others. In addition, Dürr is expanding its environmental technology range. Aside from technologies for exhaust-air purification, MEGTEC/Universal also offers industrial dryers, coating systems for lithium-ion-battery electrodes, and noise abatement systems.

The Dürr Group acquired MEGTEC/Universal for € 104 million from US plant engineering firm Babcock & Wilcox. At the end of 2018, the environmental technology division, Clean Technology Systems, had almost 1,500 employees, around 560 of whom were based in the United States and 320 in Germany. The business is managed from Bietigheim-Bissingen. MEGTEC/Universal's main sites

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are De Pere and Stoughton in the US State of Wisconsin. The division is represented worldwide through 25 sites in 13 countries.

How does exhaust-air purification technology work?

Industrial exhaust-air purification systems mainly render organic hydrocarbon compounds harmless. These are released, for example, during the processing of solvents contained in paints and lacquers. Substances with unpleasant odors (for instance mercaptans) are also treated using exhaust-air purification systems, as is exhaust air from the chemical industry that contains substances such as chlorine, bromine, fluoride, sulfur and nitrogen. Carcinogenic formaldehydes, too, are removed from exhaust-air using Dürr technology.

The most common procedure for exhaust-air purification is thermal oxidation, whereby harmful hydrocarbons are heated to as much as 1,000 degrees Celsius. This causes them to combine with oxygen and transform into non-harmful substances. To lower energy consumption, Dürr equips its thermal systems with heat recovery units. In catalytic exhaust-air purification, contaminants are burnt, albeit at low temperatures. Other commonly used methods are sorptive and separation processes, whereby gaseous substances and solid matter such as dust are removed the exhaust air.

Pictures for this press release can be found here.

The Dürr Group is one of the world's leading mechanical and plant engineering firms with extensive expertise in automation and digitization/Industry 4.0. Its products, systems and services enable highly efficient manufacturing processes in different industries. The Dürr Group supplies sectors like the automotive industry, mechanical engineering, chemical, pharmaceutical and woodworking industries. It generated sales of € 3.87 billion in 2018. In October 2018, the Dürr Group acquired the industrial environmental technology business of US-based company Babcock & Wilcox, comprising the MEGTEC and Universal brands. Since then, it has over 16,300 employees and 108 business locations in 32 countries. The Group operates in the market with five divisions:

 Paint and Final Assembly Systems: paint shops and final assembly systems for the automotive industry Dürr Aktiengesellschaft Corporate Communications & Investor Relations Carl-Benz-Str. 34 74321 Bietigheim-Bissingen Germany

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- Application Technology: robot technologies for the automated application of paint, sealants and adhesives
- Clean Technology Systems: air pollution control, noise abatement systems and battery coating lines
- Measuring and Process Systems: balancing equipment as well as assembly, testing and filling technology
- Woodworking Machinery and Systems: machinery and equipment for the woodworking industry

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Dürr can be found in our financial glossary on the Dürr web page (https://www.durr-group.com/en/investor-relations/glossary/).

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