

PRESS RELEASE

Dürr receives award for deploying artificial intelligence

Bietigheim-Bissingen, May 28, 2019 – According to a current study by the RWTH Aachen University, Dürr has been attested a leading position in the deployment of artificial intelligence (AI) in research and development. In a benchmark comparison carried out by the university, Dürr was distinguished as one of five successful practice enterprises in Germany. 145 technology and industrial corporations took part in the study “Artificial Intelligence in R&D”. It was carried out by the Complexity Management Academy, which is part of the Laboratory for Machine Tools and Production Engineering (*Werkzeugmaschinenlabor – WZL*) of the RWTH Aachen University.

The study examined how artificial intelligence (AI) is used in research and development work by businesses and where it has already featured in the creation of new products. First of all, 145 questionnaires on the use of AI were evaluated and 30 top performers identified. From this group, the Complexity Management Academy of the RWTH Aachen University selected the five leading companies. The four other corporations in addition to Dürr were 3M, ABB, Airbus and Wacker Chemie.

Ralf W. Dieter, CEO of Dürr AG: “Digitization – in combination with artificial intelligence – is the key future trend in industrial production. As a mechanical and plant engineering firm, our approach is to combine software skills with our expertise concerning the production processes of our customers. This enables us to offer customers near-production software and AI solutions.”

As part of the evaluation criterion “Portfolio Applications”, Dürr managed to score e.g. with its **DXQ**plant.analytics software for quality assurance in automotive

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paint shops. The application uses artificial intelligence to identify systematically occurring quality deviations, to discover the causes in the painting process and to derive optimization solutions in doing so. This is possible thanks to self-learning data models that search for recurring patterns in the quality data measured and associate these with special features of the painting process. A further argument in Dürr's favor was the ADAMOS platform jointly established with partner companies for the Industrial Internet of Things. Special importance was assigned to it as part of the criterion "Technical requirements".

The photos 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 16,400 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
- **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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