Press release

Waldachtal, 28 September 2022

fischertechnik illustrates smart factory processes

A model of the factory of the future

fischertechnik GmbH

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fischertechnik's Training Factories explain the processes of a smart factory. Equipped with sensors and connected to a cloud, the core themes of digital, connected production can be physically visualised and tangibly demonstrated. fischertechnik will be exhibiting its cloud-connected Training Factories at Stuttgart's Motek trade fair from 4 to 7 October in hall 1, booth 1201.

The Training Factories by fischertechnik can be used to simulate and explain Industry 4.0 applications. Modelling the detailed processes of a futuristic factory provides an in-depth understanding of digital transformation processes.

All of fischertechnik's training and simulation models come fully assembled and are available in a 24V industry standard or 9V version. Thanks to their compact size and assembly on a sturdy wooden panel they are easy to transport and can be used at trade fairs and events or for demonstration purposes.

fischertechnik has high demands in terms of quality and sustainability, and the made in Germany construction kit manufacturer also highly values data security. The cloud servers are located in Germany, ensuring that the data is stored in accordance with the EU General Data Protection Regulation. Personal information is stored in a password-protected account that uses the high-security 'OAuth2' industry standard. Data

security is also a priority when transferring data to the cloud, as all data is sent by certificate-based encryption.

Image caption:

fischertechnik's Training Factories can be used to simulate smart factory processes.

Image: fischertechnik

The fischer Group of Companies

The fischer Group of Companies, headquartered in Waldachtal in Germany's northern Black Forest, generated sales of 988 million euro in 2021 with a worldwide staff of 5,400 employees. The family-owned company operates 50 subsidiaries in 38 countries and exports to more than 120 countries. It includes the five divisions: fischer fixing systems, fischer Automotive, fischertechnik, fischer Consulting and fischer Electronic Solutions.

fischer fixing systems is the technological market leader in key areas of fixing technology. fischer offers products that deliver technical perfection to a wide range of customers, from do-it-yourselfers to tradespeople to key account partners.

fischer Automotive manufactures high-quality parts for vehicle interiors. The company is highly competent in the plastics processing segment and is an important partner for the automotive industry. Its range of products includes air vents, cup holders, trays and multi-function components.

With its construction kits, fischertechnik is active in both the toymaking and the educational sector. fischertechnik is one of the last remaining toy makers to exclusively develop and produce in Germany.

fischer Consulting evolved from the competence developed in the company itself, which includes the fischer ProcessSystem with its central aim of permanent improvement for the ultimate benefit of the customer. fischer Consulting advises small and medium-sized businesses, government agencies and major companies on their path towards lean and efficient processes.

fischer Electronic Solutions develops and manufactures electronic solutions including product and system developments based on the latest technology as well as custom production orders processed in the company's own production facilities. As an experienced provider of development and production services for custom systems such as multi-touch solutions made of glass and the corresponding controller units, fischer Electronic Solutions forms the perfect link between the customer and the final product.

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