

## Media Release

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### **Voith and Truetzschler Nonwovens win Living Standards Award**

- Voith and Truetzschler Nonwovens develop quality standard DIN EN ISO 22291
- Internationally recognized standard enables standardized safety equipment
- Newly developed DIN standard reduces engineering work and accident risks

**HEIDENHEIM.** At its New Year Reception in Vienna on January 24, 2019, Austrian Standards presented five companies, including the Voith Group, with the Living Standards Award for the development and use of innovative and practical quality standards. Through the development of a new quality standard, Voith and Truetzschler have managed to combine the expertise of the nonwoven and paper industries and in doing so have produced a customized international safety standard for wet-laid nonwoven machines that can be applied in both sectors.

Experts from Voith worked with Truetzschler Nonwovens to elaborate the content of the Voith standard VN 3260 and then develop it further to produce DIN EN ISO 22291 - safety requirements for wet-laid nonwoven machines.

The newly developed ISO 22291 now enables manufacturers to design and implement standardized safety equipment. This reduces the amount of engineering work involved, leads to a lower accident risk, boosts a company's competitive position and thus helps it tap into new markets. In the course of the introduction of the new standard, Voith chaired the Technical Committee ISO/TC 72/SC 8/WG 3 in the segment textile machines.

As a hybrid machine, the webforming machine can be used in both the textile and the paper industries. As different safety requirements apply in these two sectors, it was necessary to produce a customized international safety standard. This was particularly necessary because customers had very different expectations. This standard now defines, in a readily comprehensible way, the requirements that these machines have to meet to ensure safe operation.

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Voith and Truetzschler jointly developed the manufacturing process for wet-laid and hydroentangled nonwovens. The production lines on which these materials are produced consist partly of paper machine components and partly of components from nonwoven machines. The manufacturing process for wet-laid nonwovens is similar to that for producing paper.



Caption: The award winners from Voith and Truetzschler from left to right: Herbert Haydn, Quality Order Manager Voith Paper Rolls GmbH & Co KG, Manfred Gloser, Senior Vice President Quality J.M. Voith SE & Co. KG, Egon Krätschmer CFO Voith GmbH & Co. KGaA, Christian Knörzer Truetzschler Nonwovens & Man-Made Fibers GmbH and Thomas Kastler, Group Standardization J.M. Voith SE & Co. KG.



Caption: Voith HydroFormer WLM 1 Albaad, Dimona, Israel

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### **About Truetzschler:**

With a workforce of around 3,000, Truetzschler is one of the leading manufacturers of textile machines in the world. It specializes in machines, equipment and accessories for the slubbing (spinning preparation), nonwoven and man-made fiber industries. The more than 125-year-old company has its headquarters in Mönchengladbach, Germany, as well as other facilities in Germany, India, China, Brazil, the US and Switzerland.

Truetzschler Nonwovens is a division of Truetzschler Nonwovens & Man-Made Fibers and resulted from the acquisition and amalgamation of the long-established companies Fleissner, Erko/Hergeth and Bastian. It offers solutions for the entire nonwoven process chain, from fiber preparation, web formation, bonding and finishing to winding up. The man-made fibers (filament) division provides solutions for the extrusion and spinning of carpet and industrial yarns.

### **About the Voith Group**

The Voith Group is a global technology company. With its broad portfolio of systems, products, services and digital applications, Voith sets standards in the markets of energy, oil & gas, paper, raw materials and transport & automotive. Founded in 1867, the company today has more than 19,000 employees, sales of € 4.2 billion and locations in over 60 countries worldwide and is thus one of the large family-owned companies in Europe.

The Group Division Voith Paper is part of the Voith Group. As the full-line supplier to the paper industry, it provides the largest range of technologies, services, components and products on the market and offers paper manufacturers solutions from one single source. The company's

continuous stream of innovations takes papermaking to the next level and facilitates resource-conserving production. With its Servolution concept, Voith offers its customers tailored service solutions for all sections of the production process. Voith Papermaking 4.0 ensures that equipment is optimally connected, while the secure use of generated data enables paper manufacturers to improve plant availability and efficiency.

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