

Media Release

Voith Group

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Paper machine for sustainable wet wipes by Voith and Trützschler for Papel Aralar S.A.

- Production of plastic-free, flushable and sustainable wet wipes
- HydroFormer and AquaJet for high-performance Wet-Laid Spunlacing
- Only uses renewable resources

HEIDENHEIM/AMEZKETA. The Spanish paper factory Papel Aralar commissioned Voith and the nonwoven fabric expert Trützschler Nonwovens to deliver a new system for specialty paper production. The PM 5 was developed as a joint project by both companies specifically for the wiping cloth industry. Delivery is planned for September 2020.

The special sustainable feature of the wet-laid machine ordered is that the adult and baby wet wipes it produces are completely plastic-free, flushable and biodegradable, a characteristic that conventional wet wipes do not have.

HydroFormer and AquaJet for high-performance Wet-Laid Spunlacing

Voith supplies the HydroFormer, which is one of the main components of the new system. The HydroFormer technology draws on Voith's extensive experience in the paper-making and pulp industries. In this technology, the suspension is heavily diluted to produce nonwoven materials made completely of cellulose, a renewable resource. Besides the HydroFormer, the Heidenheim-based technology company also supplies the stock preparation system, a master reel, and the wet end process for the new system constructed in accordance with the Process Line Package (PLP). A comprehensive automation and control package is also included in the delivery.

Trützschler Nonwovens completes the production process with the proven AquaJet technology for spunlacing and a multi-drum dryer. The many years of expertise and experience of the Trützschler company form

the basis of the components that have been adapted to the needs of the wet-laid process.

About Trützschler

With about 3,000 employees, Trützschler is one of the leading textile machine manufacturers in the world. Trützschler specializes in machines, systems, and accessories for spinning preparation, nonwovens, and the chemical fiber industry. Founded more than 125 years ago, the company is headquartered in Mönchengladbach, Germany. It has additional locations in Germany, India, China, Brazil, the USA, and Switzerland.

Trützschler Nonwovens is a division of the Trützschler Nonwovens and Man-Made Fibers business unit, created from the acquisition and merger of the long-established companies of Fleissner, Erko/Hergeth, and Bastian. Its range of products includes solutions encompassing the entire nonwovens process chain from fiber preparation, web formation, web bonding, and finishing to winding. The Man-Made Fibers (Filament) Division provides solutions for extrusion and spinning of carpet and technical 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 € 4.3 billion and locations in over 60 countries worldwide and is thus one of the larger 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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Aralar site in Amezketa, Spain.

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