

Media Release

Voith Paper

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Voith successfully starts up the complete production line 6 at Modern Karton in Turkey

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- Voith, as a full-line supplier, is providing the entire production plant, consisting of the BlueLine stock preparation system and XcelLine paper machine.
- The high-speed PM 6 machine will produce up to 640,000 tons of recycled containerboard per year.
- The long-standing partnership and technical expertise were crucial to the success of the project.

ZONGULDAK, TURKEY / HEIDENHEIM, GERMANY. Voith, Modern Karton and Harbin Electric International Company Limited (HEI) are celebrating the successful start-up of the new high-speed XcelLine PM 6 and the associated BlueLine stock preparation plant at the Zonguldak site in Turkey. The plant will produce up to 640,000 metric tons of recycled containerboard annually, thereby increasing Modern Karton's total production capacity to almost two million metric tons per year. This will consolidate the position of Modern Karton as one of the leading manufacturers of packaging papers in Turkey and one of the largest in Europe.

The success of this project demonstrates the long-standing and trusting cooperation between Voith and Modern Karton. The collaboration with HEI, which was commissioned by Modern Karton for project execution, was also based on partnership and trust.

"The successful start-up of our new production plant is a significant milestone for Modern Karton," says Hamdullah Eren, Chairman of Eren Holding. "The excellent cooperation with Voith has once again shown that together we are able to achieve outstanding results. This plant will

significantly expand our production capacities and strengthen our position as a market leader.”

Ralf Sorg, President Projects at Voith Paper, adds: “We are proud that Modern Karton relies on our most efficient technologies. The successful start-up of the PM 6 is proof of the performance and reliability of our solutions. Our well-thought-out and customized concept enables high-performance and sustainable paper production. This puts Modern Karton in an excellent position for the future.”

“It was a great experience to fulfill this major milestone project with Voith and HEI,” says Tamer Zengin, Project Manager of PM 6 at Modern Karton. “Voith proved to be a reliable partner with a consistent focus on project success and customer satisfaction, even in challenging times.”

Christian Deide, project manager at Voith Paper, adds: “I am pleased and grateful for the excellent cooperation with our colleagues at Modern Karton and HEI. Thanks to our open and trusting exchange right from the start, we were able to overcome all challenges up to this point and successfully start up the machine.”

Xu Tie, Project Manager at HEI, adds: “For us, it was the first processing project in the paper industry, and we are proud of this achievement in collaboration with Voith and Modern Karton. We couldn't have asked for better partners for this endeavor.”

The scope of supply for the PM 6 includes Voith's broad full-line portfolio, including the BlueLine stock preparation system with approach flow system, the XcelLine paper machine, a VariFlex Performance winder with SmoothRun vibration damping and TwinDrive double unwinding. Voith's subsidiary Meri supplied a complete reject and sludge handling system.

Comprehensive automation solutions such as the OnQuality quality control system, the OnCare.Health condition monitoring system, and OnControl MCS and DCS are also part of the new equipment for PM 6. Complete Papermaking 4.0 solutions, including the IIoT platform OnCumulus, the digital process control OnEfficiency.Strength and the maintenance management tool OnCare.Asset round out the scope of supply and provide Modern Karton with state-of-the-art digital technologies for maximum production efficiency.

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In addition, new e-learning and virtual reality training programs from the Voith PaperSchool will be used to provide targeted training and further education for Modern Karton's specialist staff.

About Modern Karton Sanayi ve Ticaret A.S.

Modern Karton Sanayi ve Ticaret A.S. is headquartered in the town of Istanbul, with three paper machines located in Ergene (Corlu) in the European part of Turkey, 100 km northwest of Istanbul. Founded in 1978, Modern Karton is now the largest packaging paper producer in Turkey and one of the largest packaging paper producers in Europe. The mill has an annual production capacity of over 1,450,000 tons based on 100 percent recycled fibers.

About Harbin Electric International Company Limited

Harbin Electric International Co., Ltd. (HEI), an important member of HE Group, is China's leading large-scale enterprise in power project contracting and export of power equipment. Established in 1983, HEI is primarily engaged in the supply of complete sets of equipment; the undertaking of EPC projects; and the construction of relative substation, transmission lines and other utilities in the area of thermal power plants, hydropower station projects, combined-cycle power plants and wind power projects. HEI also provides comprehensive professional after-sale service for the power plant.

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, paper, raw materials and transport. Founded in 1867, Voith today has around 22,000 employees, sales of € 5.2 billion and locations in over 60 countries worldwide and thus is 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 and products on the market, and offers paper manufacturers integrated solutions from a single source. The company's continuous stream of innovations facilitates resource-conserving production and supports customers in significantly reducing their carbon footprint. With its comprehensive automation products and leading digitalization solutions from the Papermaking 4.0 portfolio, Voith offers its customers state-of-the-art digital technologies to improve the availability and efficiency of their systems in all sections of the production process.

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Modern Karton's mill in Zonguldak, Turkey



The joint team after start-up

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