Eisenmann to showcase kiln know-how in Japan

Böblingen/Tokyo, February 01, 2016 – Eisenmann, as a developer of innovative production plants for battery materials, plans to showcase its technologies at “Battery Japan”, the world’s largest trade fair for rechargeable batteries in Tokyo from March 2 to 4, 2016. Eisenmann’s presentation at the “Made in Germany” joint booth in the futuristic Big Sight exhibition center will focus on high-temperature kilns for the thermal treatment of battery materials.

Besides roller hearth kilns and rotary kilns for producing anode and cathode materials, the products offered by Eisenmann Thermal Solutions additionally include special kilns. Thanks to its extensive experience in high-tech sectors, such as the automotive, chemical, and electronics industry, Eisenmann is well equipped to meet the highest demands of temperature homogeneity and purity of atmosphere. Furthermore, the German kiln manufacturer specializes in manufacturing large, automated continuous processing plants. In Tokyo, Eisenmann will demonstrate to customers that these qualities are the required ‘cornerstone’ for producing battery materials.

The driving forces within the thriving industry of renewable energies are high-performance and reliable batteries for stationary storage and eMobility. “We are currently focusing on developing highly efficient kilns for the production of cathode materials,” explains Felix Röckle, a business developer at Eisenmann Thermal Solutions. “Requirements regarding the thermal treatment of future generations of these and other types of battery materials will definitely become more stringent. As kiln technology experts, we are able to provide our customers with the support they need to realize these new processes on an industrial scale.”

The creation of Eisenmann Thermal Solutions GmbH & Co. KG in 2015 through the acquisition of carbonization specialist Ruhstrat GmbH ensures the German company has the necessary expertise to meet growing
customer demand for global solutions and to overcome the challenges posed by greater process complexity. Eisenmann was one of the first to supply electrically heated roller kilns and is actively involved in research and development projects in a number of areas, including lightweight construction and carbon fiber, high-performance metals, technical ceramics, powder chemistry, catalyst materials, and new advanced materials.

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Eisenmann is a leading global industrial solutions provider for surface finishing, material flow automation, environmental engineering and thermal process technology. The company develops and builds custom manufacturing, assembly and logistics plants that are highly flexible, energy- and resource-efficient. The family-run enterprise is headquartered in southern Germany and has been advising customers across the globe for around 65 years. Today, Eisenmann has a workforce of approximately 3,600 worldwide, with subsidiaries in Europe, the Americas and the BRIC countries. In 2014, Eisenmann generated annual revenues of 753 million euros.

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