

Hardheim, July 2016

## **thyssenkrupp and EIRICH join forces in ore processing partnership**

- **Joint development of proven EIRICH TowerMills will permit significantly higher throughput rates for fine and ultrafine grinding**
- **Product line expansion foresees additional mills and an increase of installed power up to 6,000 hp**

thyssenkrupp Industrial Solutions, a leading engineering, construction and service provider for industrial plants and systems, and Maschinenfabrik Gustav Eirich have agreed to cooperate on the further development of the EIRICH TowerMill, a highly energy-efficient agitated media mill for the wet grinding of ores and minerals. The aim of the partnership is to build high-capacity, powerful TowerMills capable of delivering high throughputs even for fine and superfine grinding.

Uwe Schuh, head of Grinding Technology at Industrial Solutions: “We need to keep pace with the complex requirements of our mining industry customers so that we can continue to offer them high-efficiency ore processing solutions in the future. That’s why we are combining the expertise of Maschinenfabrik Gustav Eirich as the patent holder with our long-standing experience in the development, construction, logistics, installation and service of such large-scale machines.”

Technological requirements in mines are growing ever more complex. Mineral deposits around the world contain ever-decreasing ore grades combined with increasingly fine-grained ore bodies. The partnership is thyssenkrupp and EIRICH’s response to the rising demand for grinding equipment capable of achieving a high degree of mineral liberation at ever higher throughput rates.

Stephan Eirich, managing director of Maschinenfabrik Gustav Eirich: “We have always developed and improved our mills. Utilizing the significant plant engineering experience of thyssenkrupp will now enable us to expand our portfolio to include large machines with significantly higher throughputs to meet changing market demands.”

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EIRICH acquired the license to market TowerMills from the Japanese Kubota Corporation in 1999. Today the company supplies TowerMills of various sizes up to a power rating of 1,500 hp. Worldwide over 40 mills with a combined power rating of 26 MW have been installed. Together with thyssenkrupp, the expanded product line will include units of up to 6,000 hp to guarantee the processing of fine and ultrafine grained minerals of < 20 µm at high throughput rates.

EIRICH TowerMills are an important addition to thyssenkrupp's existing one-stop product portfolio, which ranges from primary crushers to ultrafine grinding mills.

*Maschinenfabrik Gustav Eirich GmbH & Co KG:*

*The EIRICH Group is a supplier of industrial mixing, granulating/pelletizing, drying and fine grinding machinery, systems and services. The Group has its main strategic base at the corporate headquarters site in Hardheim, Germany. EIRICH has core expertise in processes and techniques used for the preparation of free-flowing materials, slurry and sludge. The main applications for these processes are in the ceramics, refractory, foundry, construction materials, plaster, rechargeable battery, battery compound, fertilizer, glass and ore dressing industries. The close co-operation between the company's own test centers around the world and collaboration with the research and academic community enables the "hidden champion" to provide solutions for innovative, cost-efficient products and processes. The family-managed company was founded in 1863 and operates from twelve locations on five continents.*

*More information at: [www.eirich.de](http://www.eirich.de)*

*thyssenkrupp Industrial Solutions:*

*The thyssenkrupp Industrial Solutions business area is a leading partner for the engineering, construction and service of all industrial plants and systems. In addition to chemical, coke, cement and other industrial plants and refineries, our portfolio also includes mining, ore processing and port handling equipment along with corresponding services. In the naval sector we are a leading global system supplier for submarines and surface vessels. As an important system partner to our customers in the automotive, aerospace and battery industries we optimize the value chain and improve performance. In collaboration with our customers we develop top-quality solutions and deliver efficiency, reliability and sustainability over the entire life cycle. Around 19,000 employees at over 70 locations form a global network with a technology portfolio that guarantees maximum productivity and cost-efficiency.*

*More information at: [www.thyssenkrupp-industrial-solutions.com](http://www.thyssenkrupp-industrial-solutions.com)*

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Picture 1: The partnership on the further development of the EIRICH TowerMill is thyssenkrupp and EIRICH's response to the rising demand for grinding equipment capable of achieving a high degree of mineral liberation at ever higher throughput rates. (© thyssenkrupp Industrial Solutions).

**Contacts:**

thyssenkrupp Industrial Solutions AG

Torben Beckmann

Communications

T: +49 201 844 - 532200

[torben.beckmann@thyssenkrupp.com](mailto:torben.beckmann@thyssenkrupp.com)

Maschinenfabrik Gustav Eirich GmbH & Co KG

Henrik Moelleken

Marketing

T: +49 6283 51 601

[henrik.moelleken@eirich.de](mailto:henrik.moelleken@eirich.de)