



Company News

Metso wins Order for Iron Ore Pelletizing Plant in China

Edited by on 25. Oct. 2024

Helsinki, Finland –

Metso has signed a contract with Beijing Shougang International Engineering Technology Co. Ltd (BSIET) for the delivery of a traveling grate pelletizing plant for Ruifeng Iron and Steel Group Co., Ltd in Tangshan, Hebei province, China.

Metso's scope of delivery includes the engineering and design of the indurating machine and process gas fan systems and the supply of proprietary equipment, instrumentation, control systems, as well as supervisory services and technical training. The plant will feature Metso's Compact-sized pellet plant, a traveling grate pellet indurating furnace. The three-meter-wide plant will have a capacity of 1.7 MTPA, with pellet production at the Ruifeng plant estimated to start in 2025.

Ruifeng will eliminate several shaft furnaces and replace them with a traveling grate pellet production line to reduce carbon emissions and meet environmental regulations.

"We are delighted to support Ruifeng in achieving their decarbonization targets with our advanced technology. The increasing interest in our compact-sized pellet plants in China is very encouraging. These plants enable mining companies to expand their value chain and support decentralized steel-making concepts like mini mills, and they are flexible and cost-efficient. Thanks to high standardization

in design and project execution, we can offer optimized delivery times,” says Matthias Gabriel, Director, Ferrous, at Metso.

Metso has been cooperating with BSIET in the field of traveling grate pelletizing plants since 2008 and has already successfully built 11 pellet plants in the Chinese market. This is the 12th pelletizing plant that Metso and BSIET will build together. Last year, Metso and BSIET signed a contract for the delivery of two compact-sized iron ore pelletizing plants for Chengde Zhaofeng Iron and Steel Group Co., Ltd in Hebei province, China.

Metso’s iron ore pelletizing process produces uniform pellets and ensures high performance and quality with low investment and operating costs, as well as decreased energy consumption and emissions.