
London, June 27, 2017

Primetals Technologies receives order for relocation and upgrade of plate mill from Shandong Iron & Steel Group Rizhao Co., Ltd

- **Plate mill will be part of the Shansteel Rizhao Quality Products Base**
- **Relocation and upgrade will improve competitiveness and end product quality**

In April, Chinese steel producer Shandong Iron and Steel Group Rizhao Co., Ltd. placed an order with Primetals Technologies for the relocation of its 4.3m plate mill line from Jinan to Rizhao. Once relocated, the plate mill will also receive an upgrade. The mill will be part of the Shansteel Rizhao Quality Products Base, an initiative to concentrate and upgrade production facilities in order to improve competitiveness and end product quality. The relocation is scheduled to be finished in 2018.

The original 4.3m plate mill was installed by Primetals Technologies in 2010. Within the scope of the relocation project, more than 50,000 tons of mechanical and electrical equipment, and more than 1,000 tons of piping have to be dismantled and reinstalled at the Shansteel Rizhao Quality Products Base. This relocation project is a strategic decision by Shandong Iron and Steel Group to adjust its structure and upgrade its facilities, which will strongly improve overall competitiveness.

Primetals Technologies will be responsible for the basic and detail engineering of the relocation, supply of new equipment, installation supervision and commissioning. In addition to the relocation from Jinan to Rizhao, a Level-2 performance- upgrade will also be integrated by Primetals Technology. The upgrade package contains newest technology, such as the holistic morgoil compensation model with full automatic parameter acquisition. It can be easily be integrated into the existing software. This will allow the mill to produce high quality plates in order to be fit for future market demands.

Shandong Iron and Steel Group Rizhao Co., Ltd. is a subsidiary of Shandong Iron and Steel Group. It was founded in 2009 as the centerpiece and end user for materials from the Shansteel Rizhao Quality Products Base.

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4.3m plate mill of Shandong Iron and Steel Group Rizhao Co., Ltd in China. Primetals Technologies will relocate the mill from Jinan to Rizhao

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Primetals Technologies, Limited headquartered in London, United Kingdom is a worldwide leading engineering, plant-building and lifecycle services partner for the metals industry. The company offers a complete technology, product and service portfolio that includes integrated electrics, automation and environmental solutions. This covers every step of the iron and steel production chain, extending from the raw materials to the finished product – in addition to the latest rolling solutions for the nonferrous metals sector. Primetals Technologies is a joint venture of Mitsubishi Heavy Industries (MHI) and Siemens. Mitsubishi-Hitachi Metals Machinery (MHMM) - an MHI consolidated group company with equity participation by Hitachi, Ltd. and the IHI Corporation - holds a 51% stake and Siemens a 49% stake in the joint venture. The company employs around 7,000 employees worldwide. Further information is available on the Internet at www.primetals.com.