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Hyundai issues final acceptance certificates for two long-rolling mills supplied by Primetals Technologies

- **Large bar mill produces a yearly total of one million metric tons of end products and billets for the small bar and wire rod mill**
- **Small bar and wire rod mill produces yearly total of 800,000 metric tons**
- **Highest production rate for a combination mill**
- **Low-temperature rolling improves end product metallurgical structure and mechanical properties**

Korean steel maker Hyundai Steel issued the final acceptance certificates (FACs) for two long rolling mills supplied by Primetals Technologies to the Dangjin special steel production facility. The large bar mill encompasses a duo reversing breakdown stand and a finishing train with rolling/sizing stands. Designed to roll one million tons per year, the large bar mill also provides billets to be further processed in the small bar and wire rod mill with a capacity of 800,000 metric tons. This includes a breakdown and intermediate mill feeding a third-party supplied sizing block for production of bars, a rod outlet and also a bar-in-coil outlet. Designed to roll 160 tons per hour, the small bar and wire rod line will have the highest production rate for a combination mill, and is particularly designed for low-temperature rolling. This improves the metallurgical structure and mechanical properties of end products and enhances flexibility during the rolling operation. Special mechatronics packages and an integrated automation solution ensure the necessary high product quality throughout the plant.

Hyundai Steel, situated in Incheon and Seoul, South Korea, belongs to the Hyundai-Kia Automotive Group and runs six production facilities in South Korea and a further one in China. The company has finished constructing a new plant at the Dangjin site to produce special steels for the automotive industry. In future, bar and wire will be produced here as primary material for engine and gearbox parts. Annual production of 400,000 metric tons of wire rod and 600,000 metric tons of straight bar and bar-in-coil is planned. The order placed with Primetals Technologies also included a continuous bloom casting

machine designed to produce 1.1 million metric tons of blooms per year, which received final acceptance in 2017.



Small bar and wire rod mill from Primetals Technologies at Hyundai Steel in Dangjin, Korea

This press release and a press photo are available at

www.primetals.com/press/

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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.

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