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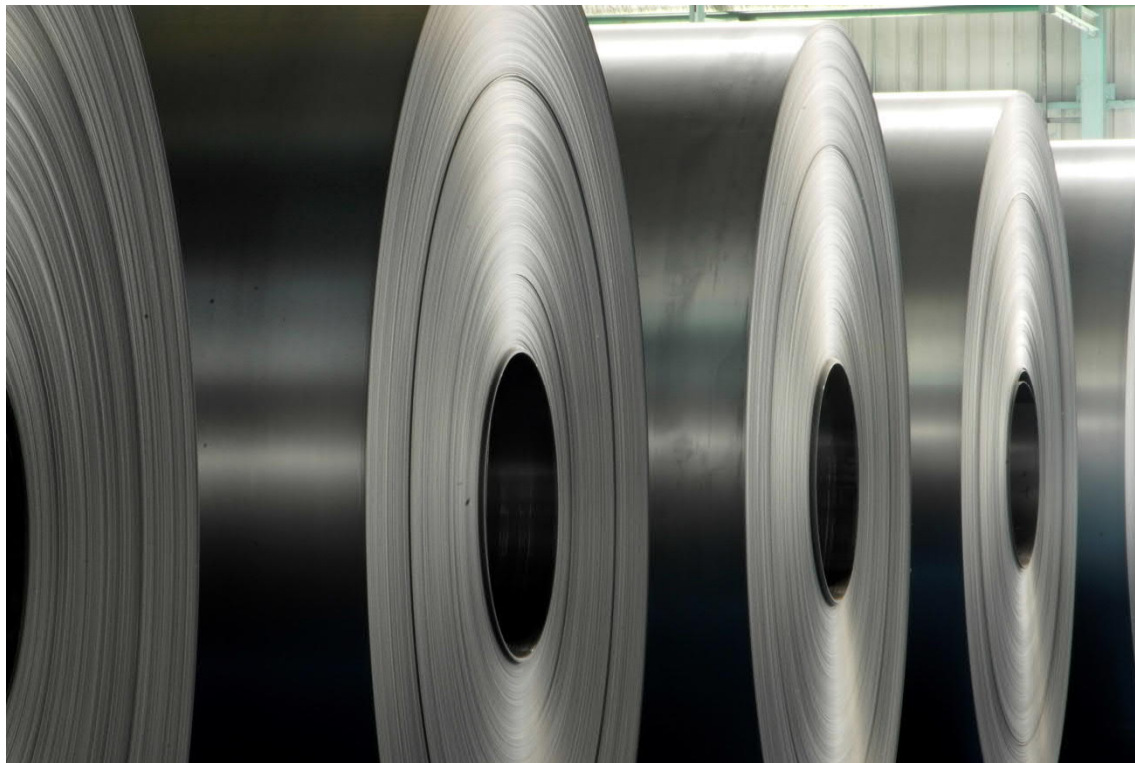
Rizhao Baohua orders continuous hot skin pass mill with tension leveling line from Primetals Technologies

- **Allowing to process 1.2 million metric tons per year for downstream tube and construction production**
- **Allowing to produce black coil with good flatness characteristics**
- **Integrated solution offers precise control of productivity, product quality and equipment availability**

Chinese steelmaker Rizhao Baohua New material Co., Ltd (Rizhao Baohua) awarded Primetals Technologies a contract for the process supply of a continuous hot skin pass and tension levelling line (CHSPM). The new line will be installed at the company's production facility in Rizhao, Shandong Province. The objective is to process black coil with good flatness characteristics and to ease the downstream tube fabrication and welding for applications in the construction and pipe industries. The CHSPM line is designed to process 1.2 million metric tons per year. The completely integrated equipment and automation solution offers Rizhao Baohua precise control of productivity, product quality and availability, thus improving profitability. The line is scheduled to start operating in February 2019.

Primetals Technologies is responsible for the process supply of the CHSPM line especially designed for the processing of incoming black coil, including engineering, manufacturing, and commissioning. The complete drives and automation technology for the line is also part of the project, ensuring the seamless interplay of all components. Specifically, the CHSPM is composed of a double coil charging and entry section design for heavy incoming black coils, a 6-strand horizontal looper 6, a skin pass mill with a maximum roll force of 1,500 tons, a 60 tons tension leveler, inspection facilities and an exit and coil dispatching system. The line is equipped to process strip with thicknesses ranging from 0.6 to 4 millimeters and widths between 900 and 1,600 millimeters at a process speed of 370 meters per minute. Maximal coil weight is 35 tons.

All equipment is based on the proven Primetals Technologies processing lines solution which ensures good flatness and exit strip surface roughness, and is designed to operate efficiently with minimal downtime in order to achieve a low cost per ton. In addition, the overall solution has been optimized to reduce costs for the associated civil works, which will be carried out by Rizhao Baohua.



Cold rolled black coil

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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