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Primetals Technologies to supply continuous galvanizing and pickling line to Chengde Steel

- **CGL and CPL are parts of a newly to build cold rolling and processing plant**
- **CPL is designed to process one million tons of cold strip per year up to 8 mm thick**
- **CGL is designed to process 410,000 tons of cold strip per year up to 6 mm thick**
- **Both line are able to treat strip with high thicknesses**

Chinese steel maker Chengde Steel Vanadium Titanium cold-rolled sheets Co, Ltd. (Chengde Steel) has placed an order with Primetals Technologies to supply a continuous pickling line (CPL) and a continuous galvanizing line (CGL) for a new cold rolling and processing plant to be built in the company's location in Chengde, Hebei Province. The CPL is designed to process one million tons of cold strip per year, while the CGL will handle 410,000 tons per year. Both lines are able to be operated with strip of high thicknesses. The processed strip will be used for the building, construction and automotive markets. The production of the first galvanized coil and the first pickled coil is planned for the third quarter of 2019.

Chengde Steel is part of the HBIS Group Co., Ltd., China's largest steel producer with an annual production of over 46 million metric tons in 2016. The new cold rolling complex in Shuangluan District, Chengde City is designed for an overall output of 2.1 million tons per year, including cold-rolled coils, annealed coils, full hard coils as well as hot galvanized coils. Primetals Technologies is responsible for the engineering and supply of the mechanical and electrical equipment of the CGL and the CPL.

The equipment supplied for the CGL will also include a skin pass mill with a roll force of up to 1,200 tons and a tension leveler. The line is able to process hot strip with thicknesses between one and six millimeters as well as cold strip with thicknesses ranging from 0.5 to 2.5 millimeters at a maximum strip width of 1,630 millimeters. The CPL will come with a side trimmer, a scrap chopper and a skin pass mill with a maximum roll force of 1,500 tons. Strip thicknesses from one to eight millimeters may be processed, also at widths of up to 1,630 millimeters.

Primetals Technologies also is responsible for the engineering, supply, installation and commissioning supervision of the electrical and automation systems. These include low voltage systems, motors, VVVR drives, motor control centers (MCCs), measuring equipment as well as the basic (level 1) and process automation (level 2). An interface with a future level 3 system will also be prepared. Chengde Steel will provide the medium voltage systems, transformers with switch gear, and will be responsible for the installation.



Continuous galvanizing line (CGL) from Primetals Technologies

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.