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## Primetals Technologies to supply staves for blast furnace of China Steel Corporation

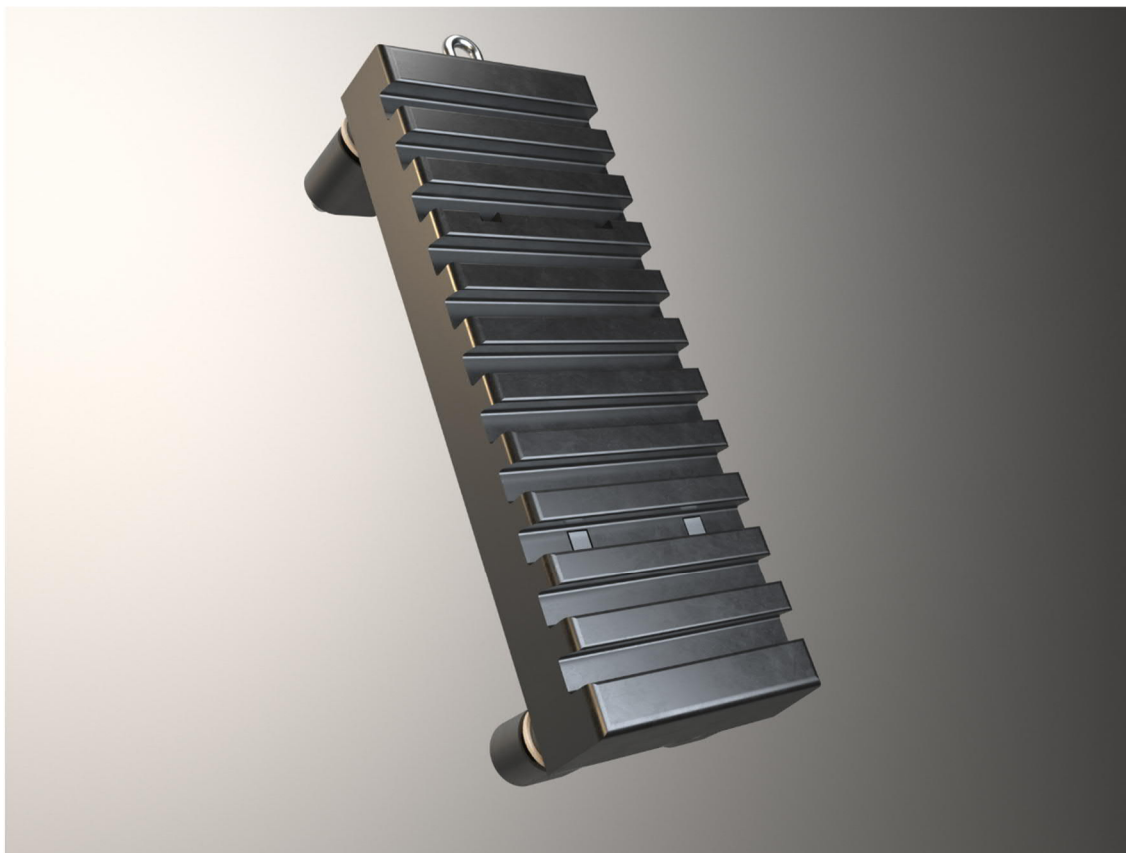
- **Staves to be installed at CSC's blast furnace 2**
- **Will extend plant's lifetime by a further 18 years**
- **Five out of six blast furnaces of CSC will operate with equipment from Primetals Technologies**

China Steel Machinery Company (CSMC), a subsidiary of Taiwanese steel producer China Steel Corporation (CSC) has placed an order with Primetals Technologies to supply staves for CSC's blast furnace 2 at the company's Kaohsiung plant. The new staves are part of the third rebuild of blast furnace 2. The aim is to extend the furnace's lifetime by a further 18 years. In future, five out of six blast furnaces operated by CSC and their subsidiary Dragon Steel will operate with equipment from Primetals Technologies. Final delivery is expected for end of June 2020.

Blast furnace 2 has a hearth diameter of 12 meters and an inner volume of approximately 3,300 cubic meters. Average production is 6,900 metric tons per day. The third rebuild of blast furnace 2 includes a complete shell and cooling system replacement. The cooling system will be a combination of copper and cast-iron staves from hearth to upper stack. Primetals Technologies was contracted to supply 9 rows of cast-iron staves. The installation of the new staves is scheduled to take place during a planned shutdown period in 2020. Blow-in of the rebuilt furnace is expected for early 2021.

CSC is the leading steel producer in Taiwan with an annual production of around 10 million metric tons per year. Around two thirds of the production is for the domestic Taiwanese market, the rest is exported. CSC produces a range of products including plates, bars, wire rods, hot and cold rolled coils, electrogalvanized coils, electrical steel coils, hot-dip galvanized coils, and Ti/Ni-base alloy. The CSC plant in Kaohsiung includes two BOF shops with a total of seven 2-strand slab casters and three 4-strand bloom casters. The slab casters mainly produce carbon and low alloy steels. In addition to

supplying BF equipment, Primetals Technologies recently upgraded a continuous slab caster at CSC's Kaohsiung plant.



Computer animated image of a cast-iron stave from Primetals Technologies

This press release and a press photo are available at [www.primetals.com/press/](http://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, digitalization 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](http://www.primetals.com).

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