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Primetals Technologies to Supply Chinese Steel Producer with Reversing Cold Mill

- **20-high HZ-mill from Primetals Technologies will enable Anshan Iron and Steel Group to realize grain-oriented silicon steel grades of exceptional structural quality**
- **Strategic investment allowing the producer to benefit from the rapidly growing market of electric vehicles**

Recently, Primetals Technologies was selected by Chinese steel producer Anshan Iron and Steel Group to supply a reversing cold mill for its steel plant in Anshan City, Liaoning province. The new 20-high HZ-mill will produce high-strength silicon steel for the fast-growing electrical steel market.

Increased productivity

The HZ-mill, an advanced split-housing ZR-mill from Primetals Technologies, has several benefits over a conventional ZR mill. For example, the HZ-mill is designed with a large gap opening, which results in easy strip threading and a smooth recovery after strip breakages. Moreover, the roll-diameter configuration is tailored to individual needs, and the HZ-mill features a Double AS-U shape control system for a stabilized rolling process and an increase in productivity.

The HZ-mill lets operators utilize almost the entire range of the work rolls, regardless of the diameter of the intermediate rolls. This results in more options – another advantage over the monoblock ZR-mill.

A leading supplier

A regional subsidiary of parent company Ansteel, Anshan Iron and Steel Group has a comprehensive product portfolio that includes hot-rolled sheet, cold-rolled sheet, galvanizing sheet, color-coating sheet, cold-rolled silicon steel, heavy rail, seamless pipe, section, and construction steel. Anshan is the leading supplier of steel to the automotive, bridge, and nuclear power industries in China. Additionally, Anshan holds an important position in the markets for railway products, home appliances, and steel for the energy industry.



Representatives from Ansteel and Primetals Technologies during the contract signing ceremony for the 20-high rolling mill.

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Primetals Technologies, Limited, headquartered in London, United Kingdom, is a pioneer and world leader in the fields of engineering, plant building, and the provision of lifecycle services for the metals industry. The company offers a complete technology, product, and services portfolio that includes integrated electrics and automation, digitalization, and environmental solutions. This covers every step of the iron and steel production chain—from the raw materials to the finished product—and includes the latest rolling solutions for the nonferrous metals sector. Primetals Technologies is a Group Company of Mitsubishi Heavy Industries, with around 7,000 employees worldwide. To learn more about Primetals Technologies, visit the company website www.primetals.com.

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