

London, October 29, 2025

Primetals Technologies Wins Order for Continuous Tandem Cold Mill from Chinese Steel Producer

- **Advanced Hyper UCM solution enables the producer to meet growing demand for high-quality silicon steel**
- **Achieves higher reduction rates compared to conventional mill technologies**
- **Startup scheduled for late 2027**

Primetals Technologies has secured a contract to supply a continuous tandem cold mill (C-TCM) for silicon steel products. The order was placed by a major steel producer in Hebei province, China.

Primetals Technologies will oversee the complete line design and supply of the C-TCM, including automation and advisory services for installation and commissioning. The new mill will enable the producer to manufacture high value-added silicon steel products, further strengthening its portfolio.

Higher Levels of Quality and Productivity

The Hyper UCM features work roll shifting and an optimized combination of work roll and intermediate roll diameters. This design allows operators the use of smaller-diameter work rolls with shifting functionality, which are essential for achieving extremely thin final gauges. In addition, advanced lubrication technologies enable higher reduction rates than conventional cold mills. As a result, the mill can process higher-strength materials into thinner strips, ensuring superior quality and productivity.

Proven Track Record

The project is scheduled to start operations by the end of 2027 and is expected to significantly increase the producer's annual output value. In recent years, Primetals Technologies has supplied two sets of automation control systems for similar plants to this enterprise. These systems have demonstrated reliable performance and high control accuracy, strengthening the producer's confidence in Primetals Technologies. This new project further reinforces the company's leading position in technologies for the silicon steel sector.

Advanced Automation

Primetals Technologies' reliable Level 1 automation solution is a high-precision, fully integrated control system based on the TIA series. Level 2 automation features advanced control algorithms, model-based calculations, and self-learning capabilities using neural network principles to achieve precise thickness tolerances, accurate edge drop control, and superior flatness quality.

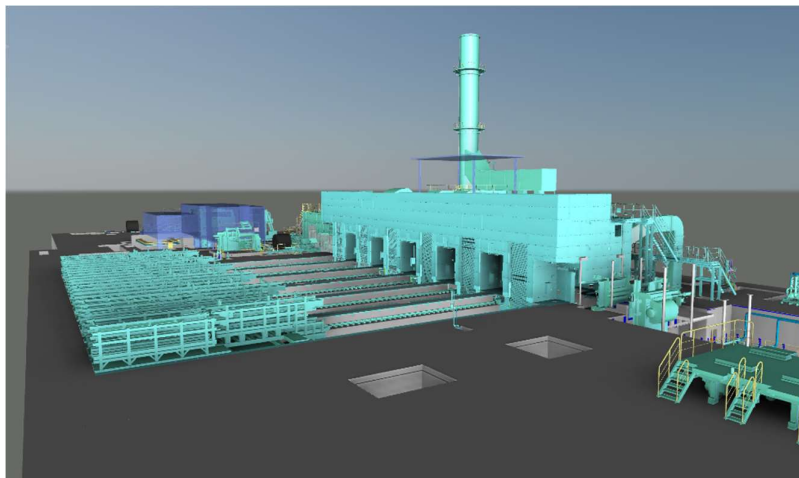
The automation solution supports the production of high-quality silicon steel by leveraging advanced systems such as strip temperature modeling, off-gauge optimization, and edge drop control. Additionally,

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the Central Operation Cockpit (COC), combined with digital assistant systems, enables a single operator to manage multiple plant sections, reducing the need for manual intervention and enhancing production efficiency.



3D rendering of a continuous tandem cold mill from Primetals Technologies

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