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Plate Mill Modernization by Primetals Technologies Allows Angang to Expand Product Range

- **Complete Level 1 and 2 automation systems implemented at 3.8-meter plate mill**
- **State-of-the-art process models improve flatness and profile quality, enabling thicknesses down to five millimeters**

Chinese steel producer Angang Ltd. has awarded the final acceptance certificate (FAC) to Primetals Technologies for a comprehensive automation upgrade at its plate mill in Bayuquan, Liaoning province, China. Primetals Technologies has supplied and implemented full Level 1 and 2 automation systems as well as a process camera system and a new human-machine interface (HMI).

Special Steel of High Quality

The modernization enables Angang to produce new types of steel, such as the high-performance X60MO subsea pipeline special steel, known for its stringent shape and surface quality requirements. Primetals Technologies' newly implemented advanced process models enable rolling with increased flatness and profile quality, as well as the production of thinner plates down to a thickness of five millimeters. Following the successful modernization, Angang is planning a further expansion of its product portfolio with new steel grades, thereby increasing the proportion of high value-added products.

Several Modernization Projects

Angang's selection of Primetals Technologies was influenced by the positive experiences from earlier modernization projects. The two companies have partnered for several revamps in recent years, including upgrades to a 4.3-meter and a 5-meter plate mill. With a capacity of 1.4 million tons per year, Angang's 3.8-meter plate mill produces high-quality medium-thick plates and special steel products. The plate thicknesses vary from 5 to 50 millimeters, and widths from 1,450 to 3,600 millimeters.

One of China's Largest Producers

Angang Ltd. is a part of the Anshan Iron and Steel Group, a state-owned steel producer with a total annual production capacity of 39 million tons of raw steel. The group is one of China's largest steel manufacturers and leads the domestic rail and ship plate markets. Anshan Iron and Steel Group exports to more than 60 countries and regions around the world.



Primetals Technologies has modernized the automation systems at Angang's 3.8-meter plate mill.



Representatives from Primetals Technologies and Angang Ltd. on-site after the signing of the final acceptance certificate.

This **press release** and a **royalty-free picture** are available at [primetals.com/press/](https://www.primetals.com/press/)

Contact for journalists:

Björn Westin, Press Officer

Primetals Technologies, Limited
A Group Company of Mitsubishi Heavy Industries
Communications

Chiswick Park, Building 11, 566
Chiswick High Road
W4 5YS London
United Kingdom

bjoern.westin@primetals.com

Mob. +43 664 6150250

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