



Contribution ID: 414

Type: **Oral Presentation**

Advanced Long Rolling Solutions for Efficient Stainless-Steel Production

Thursday 9 October 2025 13:40 (20 minutes)

Walsin Lihwa Corporation has partnered with Primetals Technologies to expand their production of long products and take advantage of the latest cutting-edge technology to meet the growing demand for high-quality stainless-steel products for the Chinese market. This mill was a strategic investment for Walsin Lihwa Corporation's focus on increasing capacity, reducing delivery times while maximizing in-line processing to produce precision tolerance, and superior surface quality products with greater efficiency to reduce production costs.

To realize these goals, Primetals Technologies incorporated our latest long rolling technological innovations to streamline the process and maximize flexibility, including our latest patented top/down pouring reels with direct water quenching, Throughput Quality Control (TPQC), smart sensors for automatic tension control of the Reducing / Sizing Mill, and Laying Head speed control, to name but a few of the features.

The new combination bar, bar-in-coil and wire rod mill is designed to produce 420,000 tons per year of stainless valve steels, nickel-based alloy steel and numerous stainless grades, including austenitic, ferritic, dual phase and hardening steels. The mill has the capability to roll straight bar products from 18 –130 mm, bar in coil products from 18 –40 mm and wire rod in products from 5.0 –18.0 mm.

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Session Classification: Advanced Materials & Special Applications

Track Classification: Rolling of long and flat product