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Ulsan Aluminum Orders Automation Upgrade for Aluminum Hot Finishing Mill

- **Primetals Technologies to modernize Level 1 and Level 2 automation systems**
- **Ulsan Aluminum to benefit from increased IT security and future-proof operations**
- **Implementation planned for October 2025**

Primetals Technologies has recently received an order from South Korean aluminum producer Ulsan Aluminum for a comprehensive upgrade of the automation systems at its 3-stand hot finishing mill in Ulsan, South Korea.

Modernization of Level 1 and 2 Automation

The project scope includes system upgrades of both the Level 1 and Level 2 automation systems, virtualization of all servers, and modernization of the process automation's human-machine interface (HMI) system. The main benefits for Ulsan Aluminum are significantly increased IT security, reduced OPEX-related costs, and future-proof operations. This upgrade will enable Ulsan Aluminum to smoothly integrate digital assistants and other digitalization solutions.

Primetals Technologies originally supplied the hot rolling mill in 2013. The mill was added to an existing hot reversing twin coiling mill to increase throughput, as part of plans to expand into automotive sheet production in the Asian market. The entry thicknesses range from 25 to 60 millimeters, while exit thicknesses vary from 1.8 to 6 millimeters.

Improved Product Quality

All systems will be operated on virtual servers, which reduces maintenance needs and enables fast scaling of digital services. As a result of the modernization, Ulsan Aluminum can expect improved product quality and increased productivity. Plant shutdown and implementation is scheduled for September to October 2025.

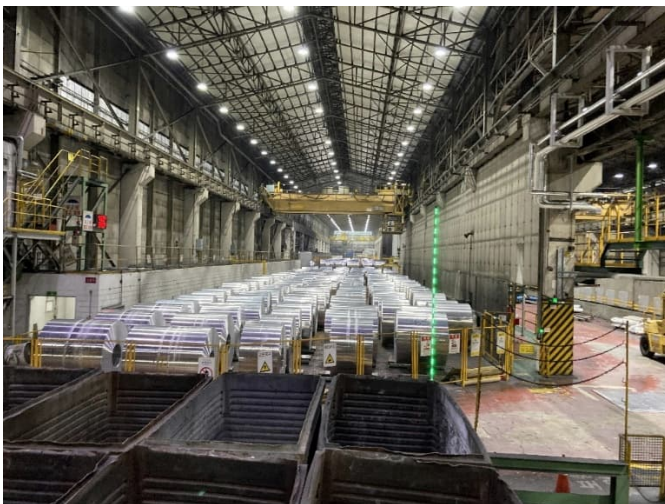
Formed in 2017, Ulsan Aluminum is a joint venture of Novelis and Kobe Steel. The company is a leading supplier of aluminum flat-rolled products to various market segments, including automotive, beverage cans, and specialty aluminum applications. The plant in Ulsan boasts an annual capacity of 400 000 tons.



Primetals Technologies will upgrade the automation systems at Ulsan Aluminium's hot finishing mill.



Representatives from Ulsan Aluminium and Primetals Technologies at the kick-off meeting in July 2024.



Ulsan Aluminium is a leading supplier of aluminum flat-rolled products to the Asian market.

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