
London June 26, 2025

Tokyo Steel Awards Primetals Technologies Order for Hot-Dip Galvanizing Line Upgrade in Okayama

- **Existing hot-dip galvanizing line to be modified into a continuous annealing and galvanizing line (CAGL) capable of processing both cold-rolled and hot-dip galvanized coil**
- **Operations scheduled to begin in the first quarter of 2027**

Primetals Technologies, in collaboration with Chugai Ro, a leader in the thermal technology field, and leading global electrification provider Hitachi, has received an order from Tokyo Steel, one of Japan's leading steel producers, for the upgrade of a hot-dip galvanizing line at Tokyo Steel's Okayama Works. The revamped line is scheduled to begin operations in the first quarter of 2027.

Increased Versatility

The project will utilize annealing equipment already in place at the Okayama site. Key improvements include the installation of induction heating (IH) technology in the front section to boost heating capacity, along with enhanced cooling capacity in the latter section. These updates will convert the line into a versatile production facility capable of manufacturing both cold-rolled and hot-dip galvanized coil.

Primetals Technologies is responsible for engineering and equipment supply for terminal equipment and skin pass mill modifications. Together with its partners Chugai Ro and Hitachi, the company will also handle engineering and supply of the annealing furnace equipment, along with supervision services for installation and commissioning.

A Diverse Product Portfolio

Tokyo Steel, a leader in electric arc furnace steel production, is renowned for its diverse product portfolio, including H-sections, for which it holds the highest domestic production volume in Japan. The company has recently launched its low-CO₂ steel brand, "Almost Zero," which has been used in major redevelopment projects across Japan. This initiative has garnered significant attention in the steel market as Tokyo Steel advances its commitment to sustainable development and carbon neutrality.

Innovative Technology Solutions

Primetals Technologies provides a wide range of solutions tailored to downstream facilities and various process stages, addressing customer needs in areas such as steel grades, thicknesses,

coatings, and overall product quality. In addition to continuous annealing and galvanizing lines (CAGL), the company provides innovative process combinations (combo lines) to help optimize production efficiency and reduce costs.



Panoramic view of Tokyo Steel's Okayama Works - Primetals Technologies will upgrade the hot-dip galvanizing line at the Okayama site. Copyright: Tokyo Steel

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