

AIC Awarded Rolling Mill Upgrade for Rodacciai's Sirone Plant

AIC (Automazioni Industriali Capitanio) has successfully completed the upgrade of the rolling mill at Rodacciai's Sirone plant, marking a significant milestone in the ongoing modernization process.

The scope of the project included the relocation of two existing DC drives cabinets upgraded for reaching a safety Performance Level D and suited to control 2 new Stands (H+V), ensuring enhanced safety and operational efficiency.

AIC also supplied motor and AC drive for the upstream pinch roll, while all the mechanical supply being provided by Danieli.

As part of the upgrade, AIC delivered:

- Equipment for access control to the safety areas
- Local control stations for the stands
- Automation upgrade for the rolling mill control.

The upgraded automation system is based on a RACS AIC cascade control system and enables the rolling of larger billets compared to those processed prior to this intervention.

This project is part of a broader modernization initiative at the Sirone plant, which began five years ago with a Level 2 upgrade and a cascade control revamping. The latest upgrades were installed during the Christmas shutdown period and successfully commissioned at the first production day of January.

The completion of this phase underscores AIC's commitment to providing advanced automation solutions tailored to the evolving needs of the steel industry.



About Companies:

AIC Group is a technological partner with extensive experience and deep know-how and stands itself as a global power control supplier and system integrator designing, manufacturing, and implementing automation systems, process control, and mechatronic solutions for both greenfield and revamping projects. Focusing on the steel and metals industries for long and flat products, the Group provides cutting-edge technical solutions by handling complex project schedules and thus establishing satisfactory and remarkable partnerships through its 6 international offices. More than 45 years of modernization for endless reliability processes.

Rodacciai is an Italian company specializing in the production of high-quality steel bars and wire rods. Founded in 1956, it is a leading supplier of specialty steels, including stainless steel, alloy steel and carbon steel, tailored for industries such as automotive, construction, energy, and manufacturing.

Rodacciai is recognized for its advanced production processes, quality control, and a wide range of customizable steel solutions. The company operates globally, exporting its products to meet the needs of various industrial applications.

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