

E&A equipment upgrade for the new Turkish Mescier Group section mill

Automazioni Industriali Capitanio will supply completely renovated electrical and automation equipment for the new Mescier Section Mill at Karabük, in Turkey. The project will relocate an AIC plant installed for a different customer in Turkey (2005), adding to the other two rolling mills already operating at the site.

The project will aim to increase the productivity of the site and expand to different market products, mainly sections and profiles.

The project includes the re-use, as much as possible, of the previous supplied equipment for automation and power systems. Conversely, the HMI and mill supervision system will be replaced with brand-new devices due to the obsolescence of the existing IT components.

Added to the package will be included engineering & electrical drawings for the new cooling bed entry and exit areas. This step will enable the customer to efficiently perform mill control systems and optimize cut length cycles.

The production startup is estimated in 2023.



Figure 1 – AIC and MESCIER teams at the contract signing meeting held in Karabuk, Turkey.

AIC Capitanio Tailored Automation is a global system integrator that designs, manufactures and commissions turn-key plants worldwide, providing advanced and tailored automation and mechatronics solutions for the steel industry, with the aim to continuously improve both efficiencies, competitiveness and safety of the production processes. With more than 1500 applications worldwide and more than 45 years of history, AIC can boast a unique experience in both greenfield and revamping projects, especially in meltshops and long products rolling mills.

Mescier Group, based on trading iron and steel products dating back to the 1960s in Karabuk, has become a manufacturing company with the Rolling Mill launched in 1990, reaching a remarkable position in the Turkish Steel Industry. Mescier Steel Industry's core business includes the production and sales of iron-steel products both in the domestic and foreign markets. These products such as equal angles, flat, square and round bars, U channels, I & H beams, etc.

For more information:



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