

## Robotic tagging station for Acindar passed factory acceptance testing.

In the last week, ArcelorMittal Acindar representatives visited our ATS Mechatronics branch (Udine, Italy) for running Factory Acceptance Tests on a brand-new bundles robotic tagging station that will be installed in the Argentina site.

A floor-mounted robot housed in a properly designed and manufactured industrial container that houses all the machinery in a climate-controlled and secure environment will be part of the solution that is specifically tailored to the needs of the customer.

All the tests were successfully completed in a dedicated space at our workshop along with the hardware and software infrastructure. The outcome reported a particularly positive result of the functionality of the safety controls, seamless tagging movements and advanced data collection & process monitoring algorithms.

The delight of the Acindar and AIC Group teams was celebrated at the end of the tasks (**Fig.1**).



**Figure 1** – Teams from AIC and ArcelorMittal Acindar after the FAT.

Adopting this solution will significantly reduce risk factors: robot will handle the most time-consuming and dangerous manufacturing tasks while keeping workers safer and ensuring short cycle times in a small footprint.

This will be the **first solution** for the South American market, and it will be installed at the rolling mill's finishing end area. The robotic island will now be shipped and on-site commissioning will be implemented in the next few months.

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.

Acindar Industria Argentina de Aceros S.A. is a steel company that produces long steel that supplies the civil construction, oil, energy, automotive, agricultural and industry sectors in general with the main goal of making steel more sustainable. With more than 75 years of history in the country, it has become a leader in its domestic market adding an international presence. Acindar also offers technical advisory services, along with cutting, bending and pre-assembling of steel parts according to the client's technical specifications. Acindar Argentina is a part of the ArcelorMittal Group, world leader in steel and mining production.

**For more information:**



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