

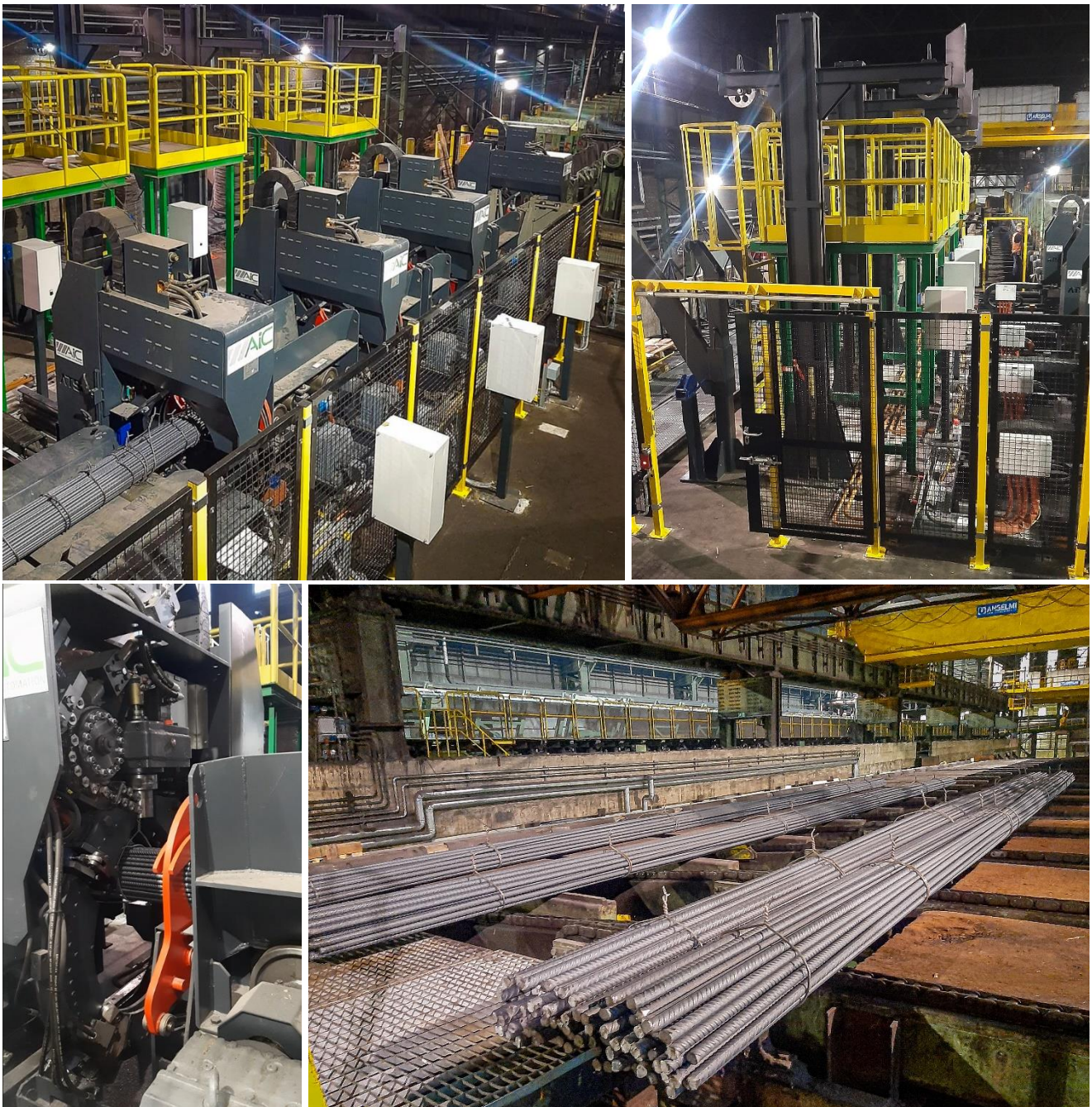
4x automatic binding machines and tying area safety system for Feralpi Stahl at the Riesa plant in Germany

German steel producer **ESF Elbe-Stahlwerke Feralpi** has requested AIC Group technologies in the Riesa bar rolling mill, located in northeastern Germany.

The mill had benefited from a package of **ATS**-branded automatic tying machines for the final tying of round deformed bars, complete with auxiliary mechanical equipment, a hydraulic circuit, and an electrical and automation system. A total of #4 TMB 400s were supplied, ensuring rolled or twisted ties with single/double turns.

Simultaneously, AIC and KERN Gruppe have upgraded the tying area with safety boxes, new local control stations for binding machines and the hydraulic unit, PLC safety software development, safety hydraulic interlock to reduce machine pressure, and KERN Schutzsysteme protective fences.

Final Acceptance of job completion (**FAC**) for tying machine installation, commissioning and safety integration has been received at the end of January 2023.



About Companies:

AIC Group (AIC Capitano Tailored Automation, ATS Mechatronics and KERN Gruppe) 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 10 international offices.

ESF Elbe-Stahlwerke Feralpi GmbH is a 900-thousand tonnes per annum electric arc furnace (EAF) and it is the largest **FERALPI STAHL** company, which belongs to the Italian Feralpi Group. Based in Riesa in Saxony, it specializes in the manufacture of high-performance steel products destined for the construction and infrastructure market. The German plant is integrated downstream for the production of cold-worked derivatives. Nowadays FERALPI STAHL is one of the leading international steel companies dedicated to producing premium quality structural steel through technological innovation and sustainability.

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