

AIC has been awarded two projects for a TMP500-C tying machine and BAT40 robot tagging island.

AIC has been awarded by an important steel and alloy producer in Italy a state-of-the-art solution for two projects including a 2 x TMP500-C tying machines and a 1 x BAT40 robot that labels the product bundle.

TMP500-C Cantilever tying machines are simple and sturdy in construction with a design that allows installation in the existing bundle exit roller way.

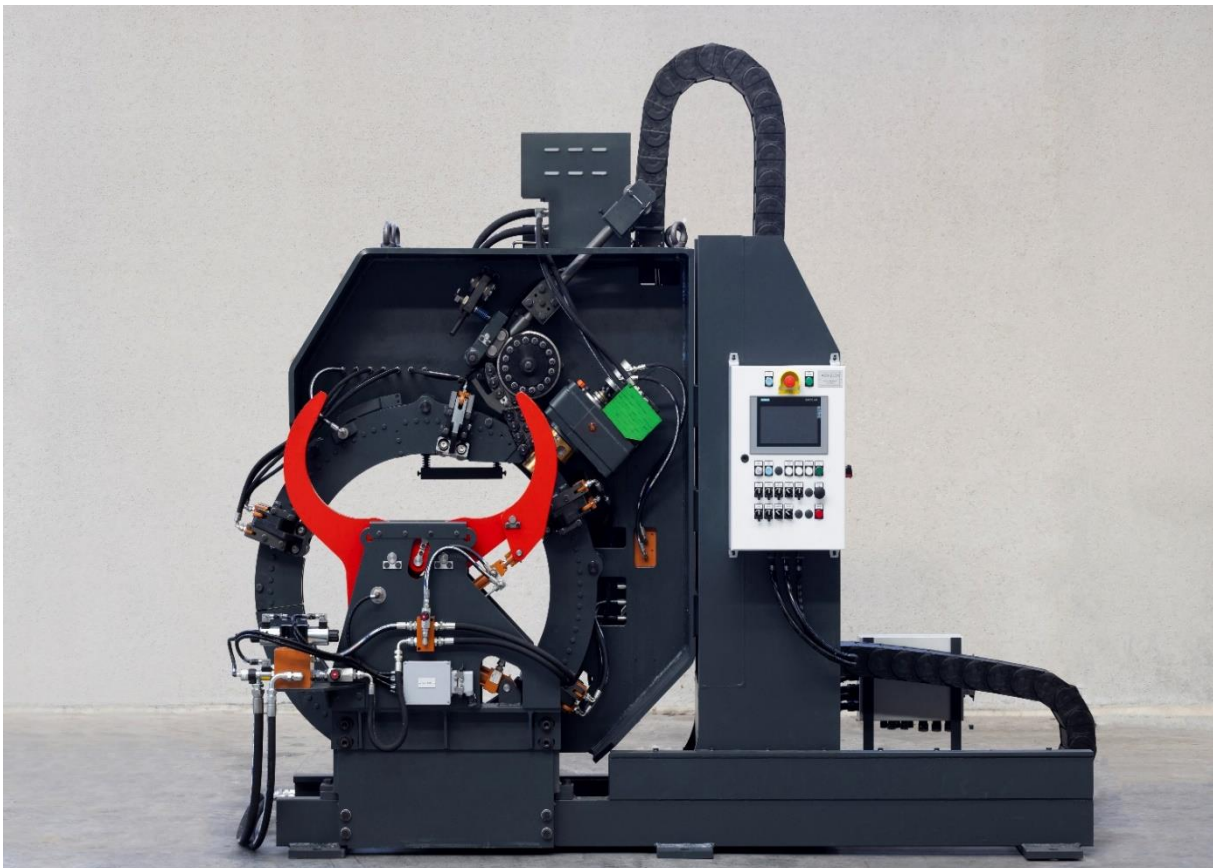
The tying machine by means of recipe settings can tie bundles/packs with a minimum size of 150 mm to a maximum of 500 mm (of rebars, round products, plates and profiles) with both double-turn and single-turn tying, either tight or loose, obtained using 7 mm stainless steel wire.

The BAT40 robotic island in container solution, is located to the side of the bundle/packs unloader after the weight station.

The robot arm is equipped with an end tool on which the welding system and the 3D vision system are mounted, the 3D system allows the recognition of the best application point for the label.

The work was carried out by integrating the system into the existing bar without making any mechanical or foundation changes. Both solutions were supplied on a turn-key basis with electrical and mechanical equipment, installation and assembly, safety and CE marking.

The installation was also carried out without production downtime.



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.

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