

AIC has been awarded with two robotic islands for bundles tagging in the US

One of the largest steel producers in the United States, has awarded AIC a new project at its plant in Roanoke, Virginia.

The project includes the supply and commissioning of two robotic tagging islands to be installed at the facility in Roanoke, VA, one for each mill outlet. The robotic islands will be dedicated to tagging bundles with the aim of maximising the tracking and yield of the final product. The tags will be applied either on head or tail of the bundles, or both, options will be selectable through the HMI system.

Both islands are equipped with a dedicated tool handling the stud that collects the printed tag. Once collected, the tag is pinned to the bundle in the area determined by the data collected from 3D vision sensor. The labels applied can be of different colors to identify different types of materials, special colors dedicated to end of heat, start of a new heat, specific materials as well. Both islands will be equipped with redundant printers for the printing of the tags to be applied.

After the tagging, one island will be equipped with possibility to label with a sticker as well the bundle before sending it to the warehouse; the labeling is performed using adhesive labels directly on the finished product and this option will be selectable.

This project follows the previous successful ones, where AIC has installed other 2 robotic tagging islands, highlighting the strong partnership built and the excellent work delivered so far.



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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