

Bedeschi for Nexe Group: the POLET Plant in Novi Becej in Serbia

Nexe Group, the well-known manufacturer of bricks and roofing tiles with various plants in Bosnia and Herzegovina, Croatia and Serbia, continues its collaboration with Bedeschi S.p.A., the Italian company which has a tradition in the Veneto region since 1908.



Fig. 1 Gripper for unloading roofing tiles into U-cassettes



Fig. 2 Gripper for roofing tiles group re-forming

This is a collaboration that has lasted for decades with mutual satisfaction. The collaboration started with the supply of several important machinery for the group's cement plant in Nasice, Croatia, and continued with various deliveries of machines for the production of bricks and blocks.

Currently, a new supply of a series of automatic equipment began, for the POLET Plant, located in Novi Becej, Serbia, where roofing tiles are produced.

After a careful technical analysis, the innovative Bedeschi solutions have fully convinced the renowned customer – solutions were already implemented in recent months with maximum satisfaction on both sides. The development of the new supplied auto-

matic system was based on the possibility of improving loading/unloading of the U-cassettes support frames of the roofing tiles on the drier cars in order to limit maintenance costs. Therefore, two robots were installed, equipped with special double grippers able to fully load the cars for the total height.

Another focus of the project was to implement a delivering gripper, able to divide packets in single roofing tiles. The gripper is equipped with suction systems and an innovative vacuum pump able to adapt with limited mechanical adjustments to any type of roofing tiles.

To complete the supply, a new line for loading dried roofing tile bundles into U-cassettes was implemented as well as a

new packaging line for fired roofing tiles. The packaging line is equipped with a quality control system, a re-forming line and a subsequent packaging line on pallets.

Once again, Bedeschi proved to be a serious and reliable partner, ready to face new challenges focusing on the interest of its client.

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