

## Latest News from MARCHELUZZO Regarding Projects in Europe and Central America

### Pressed roofing tiles project in Spain

MARCHELUZZO Impianti s.r.l. achieved a greater investment at Mazarron Group, in Toledo/ES, in the field of pressed roofing tiles production.

Mazarron, an family-owned group, entrusted for the 4<sup>th</sup> time in 15 years their important investment to the Marcheluzzo brothers, acknowledging and confirming their satisfaction regarding the previous projects. This last project is based on the "transformation" of a roofing tiles plant with a monolayered-firing kiln into a modern plant with monolayered firing in H-cassettes, through the construction of a kiln about 190 m long and 7,5 m width.

The best technology available on the market will be used in this project, developed in order to assure low energy consumption. The complete firing process will be performed with high pressure, allowing a regular firing within a total firing cycle of about 14 h resulting in high-quality fired products.

MARCHELUZZO is responsible for the complete supply, develops and builds up a new automatic loading and unloading system with cleaning boxes, referring back to the packaging lines provided in 2008.

In addition, MARCHELUZZO reorganizes the handling system for the lateral pre-kilns as well as the storage system for the fired products.

This achievement is based on great developmental work including many details, in particular by including the various models of roofing tiles to be produced and their support in the firing cassettes, the structure and format of the refractory kiln furniture

as well as the construction of the kiln cars according to the firing cycle.

The turnkey supply includes the dismantling of the existing kiln and the installation of the new one in a record period of time – possible only through the company's experience gained in over 45 years of activities in the brick industry.

### Sanitaryware project in Mexico

The American Standard Group of Mexico City awarded an important order to the company MARCHELUZZO Impianti s.r.l. for the supply of a controlled-air conditioning system in the casting department based on an area of 5000 m<sup>2</sup> with plaster moulding benches type "spagless" and one pre-drying unit for green products that are dried immediately after de-moulding. The controlled-air conditioning system consists of 5 units for air treatment through an indirect gas exchanger and one high-pressure humidification station.

The new technology for air ventilation and circulation has been integrated in the moulding benches and allows to locally suck off the fog generated during the de-watering phase, thus avoiding humidity spreading in the room resulting in highly improved working conditions for the operators.

The Italian company – based on the merits of the brothers Marcheluzzo combined with their experience and technological know-how – is facing in these days important growth in its ceramic-based activities. The market expansion noticed in the last years is the result of deep focusing on research



**Fig. 1** Mazarron Group in Toledo



**Fig. 2** Special air diffuser for cast shop conditioning system



**Fig. 3** Antifog system per "spagless" benches

and development due to the company's very competent technical staff.

MARCHELUZZO Impianti s.r.l.  
36030 Castelnuovo di Isola Vicentina, Italy

E-mail: [info@marcheluzzo.com](mailto:info@marcheluzzo.com)  
[www.marcheluzzo.com](http://www.marcheluzzo.com)