

## MECCANICA 2P and SARACCO & CIA: New Projects for Drying Heavy Clay Ceramics in South America

The Italian company MECCANICA 2P continues its good synergy with the Venezuelan company SARACCO & CIA in order to produce component parts for the rapid chain dryers for heavy clay ceramics. This rapid dryer was initially developed and manufactured by SARACCO for the Venezuelan market in the 1970s in order to obtain maximum drying efficiency. Since then, it was delivered by SARACCO & CIA for the Central and South American markets. During last year, six further rapid dryers were built by MECCANICA together with SARACCO & CIA for the Colombian market; further projects are running at present.

As the dryer doesn't need any shelving and has low construction and maintenance costs, it guarantees a faster investment recover offering dried products of high quality. The dryer consists of a tunnel through which the wet products are conveyed in upstream to the hot air. Products are placed on a belt consisting of three chains with adjustable speed being connected by metallic profiles. This rapid dryer was developed for products with a cut length >20 cm and thin walls (<1,2 cm) made of clays with low/medium drying shrinkage.



**Fig. 1** Cutter placed in the front of two parallel dryers

The wet products are delivered to the dryer directly from the cutter assuring by that low production costs – no handling or shelving and therefore easy maintenance. Dryer unloading can be done manually or automatically by means of robots according to the customer needs. The dryer is continuously in operation, 24 h a day, but the drying process can be interrupted any time, if needed, without damaging the products. There are

three types of dryers, depending on the width – 3, 4 and 5 m respectively – with a production capacity of 10–30 t/h.

*MECCANICA 2P S.r.l.*  
31034 Cavaso del Tomba, Italy

E-mail: [commerciale@meccanica2p.com](mailto:commerciale@meccanica2p.com)  
[www.meccanica2p.it](http://www.meccanica2p.it)



**Fig. 2** Entrance of two parallel dryers



**Fig. 3** Exit of two parallel dryers

(Figs.: MECCANICA 2P)