



BRICK KILN MK-TYPE

This kind of kiln for brick production was created in 1997 in Mexico by the engineer Robert O. Marquez, who has drawn inspiration from ancient traditions in developing a modern technology in order to reduce the high levels of pollution in the air and soil derived mainly from inadequate combustion and the use of industrial waste that characterize the traditional types of kilns. This innovation is currently promoted in Mexico by the Ministry of Science and Technology and a number of Universities and associations.

The MK-type kiln for the production of bricks has a simple design, sustainable, affordable and easy to maintain. This ecological kiln has a capacity of 120 000 bricks and burning is done in 10 hours, unlike conventional kilns that take 24 to 36 hours. Studies conducted in 2011 by engineer Robert Marquez, prove that this model of ecological kiln allows to reduce up to 90% in the generation of pollutants, reaching higher temperatures in less time and using 50% less fuel.

Since its creation, there have been numerous seminars, workshops and practical experiences in implementing this innovative technology. At present, the MK type kiln is implemented in different communities in Mexico and Central America, creating employment and increasing local economic development of territories.

To know more

[Construcción del horno MK2 por Robert O. Márquez](#)

[Diseño de los Hornos MK2 - fase 01 por Robert O. Márquez.](#)

[Diseño de los Hornos MK2 - fase 02](#)

[Diseño de hornos MK2 - fase 03](#)

[Operación y Mantenimiento de los Hornos ladrilleros tipo MK2 por Robert O. Márquez.](#)

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