



TUNNEL KILN ECOFAST

CLEIA offers an air-tight and modular firing system:
the Ecofast tunnel kiln.



TECHNOLOGICAL INNOVATION

The **Ecofast** tunnel kiln is a **competitive solution**, with a **short construction time**, **easy to operate** thanks to its tightness, for the firing of clay building materials.

Walls and roof modules are **easily removable**, facilitating possible future modifications of firing conditions and production levels.

- Multi-fuel kiln (gas, fuel oil, petcock, biogas, biomass...)
- Firing temperature up to 1,250°C
- Extra large width
- Refractory lining dedicated to product types and raw materials
- Anti-corrosive protection for an extended life

Engineering turn-key solutions



CLEIA
Engineering Innovation Automation

MODULES MANUFACTURED



DESIGN

- Self supporting modular construction
- External cladding: folded steel sheets fully welded
- Modules filled with insulating refractory concrete or prefired refractory slabs
- Anchors in refractory steel
- Use of prefired refractory products anchored in the interior walls of the kiln

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KILN CROSS-SECTIONS DESIGNED

BENEFITS

- Proven design
- Competitive investment costs
- Short erection time
- Air tight kiln with low thermal inertia
- Good control of the firing parameters and energy consumption
- Easy maintenance
- Recyclable materials
- Firing temperature up to 1,250°C

