

ZEPHYR® DRYER

CLEIA offers the **Zephyr®**, a dryer which combines **the advantages of rapid dryers and the capability of tunnel dryers.**

Economic, upgradable and multi-product, the **Zephyr®** dryer is perfect for drying hollow products, and its modular design also allows the development of new insulating blocks.



INNOVATIVE, UNIVERSAL AND UPGRADABLE

- Adjustable drying cycle: from 2 to 5 hours
- Variable load spacing in depth: from 0.8 m to 2 m
- Continuous ventilation (> 90% of drying cycle)
- Low electrical consumption: less than 11 kWh / ton
- Energy consumption less than 900 kcal / kg of water extracted
- Multi-fuel dryer (gas, fuel oil, petcoke, biomass, biogas)

FROM 300 TO 1,500 TONS / DAY

The Zephyr® brand and patent pending are the property of CLEIA.

Engineering turn-key solutions



CLEIA
Engineering Innovation Automation

ECONOMIC AND MULTI-PRODUCT

High quality of drying

- Perfect geometry of products due to a high speed ventilation
- Uniformity of drying obtained by air mixing equipment
- Moisture controlled in the zones of product shrinkage



Modular and progressive dryer

- Variable output according to the number of tunnels
- Loading of the dryer optimized thanks to variable level numbers
- Automatic load setting in height and depth position



Reliable handling systems

- Precision and smoothness of handling systems without shocks or friction
- Upgradable equipments for future products
- Traditional or robotics handling systems



Competitive investment and maintenance costs

- Easy and reliable process
- Small area required
- No large pit, reduced civil works
- No door
- No motors inside the tunnels
- Few moto-ventilators and all located outside of the dryer

