

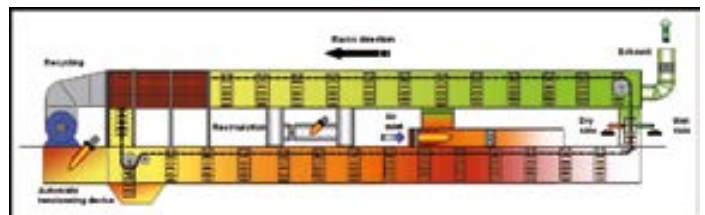
# SIROCCO DRYER

**CLEIA** offers a rapid dryer specially adapted to hollow bricks: the **Sirocco dryer**. This dryer is suitable for clay building materials such as hollow bricks, ceiling blocks, insulation bricks as well as canal, extruded or stamped roof tiles.



## THE SIROCCO DRYER IS IDEALLY ADAPTED TO RAPID DRYING OF HOLLOW PRODUCTS

- Short drying cycle: from 2 to 4 hours in average
- Production capacity up to 100 tons / hour
- Continuous ventilation (>90 % of drying cycle)
- Modular racks with 1 to 3 drying trays across driven by two chains
- Low electrical consumption: less than 8 kWh / ton
- Multi-fuel dryer (gas, fuel oil, petcoke, biogas, biomass...)
- Low floor space requirement: about 1 sqm / ton of products
- Cladding made of insulating panels or bricks masonry



Engineering turn-key solutions



**CLEIA**  
Engineering Innovation Automation

### SIMPLICITY, ROBUSTNESS



#### BENEFITS

- Well proven design
- Robust and reliable dryer
- Competitive investment costs
- Air flow distribution with air recirculation to achieve good quality products
- Low maintenance cost: no fans inside the dryer
- Easy operation thanks to a friendly control device
- Automatic tensioning device of the chain: ease of adjustment and maintenance

RCS DUJON 518 290 863 - Sirocco EN - 04/2018

### SIMPLICITY OF THE AUTOMATIC HANDLING CIRCUITS

Different types of handling circuits are designed according to products sizes and production rates, including:

- Handling machineries for drying trays welded inside the racks
- Handling machineries for mobile drying trays associated with a tray buffer
- Loading / unloading machineries, with shovel, with forks, belts or gripper according to the products
- Automatic drying tray adaptator for racks with variable pitch
- Drying trays storage

