

**DRYING PROCESSES**

# STAND-ALONE UNIT FOR CURING TABACCO (LT SERIES)



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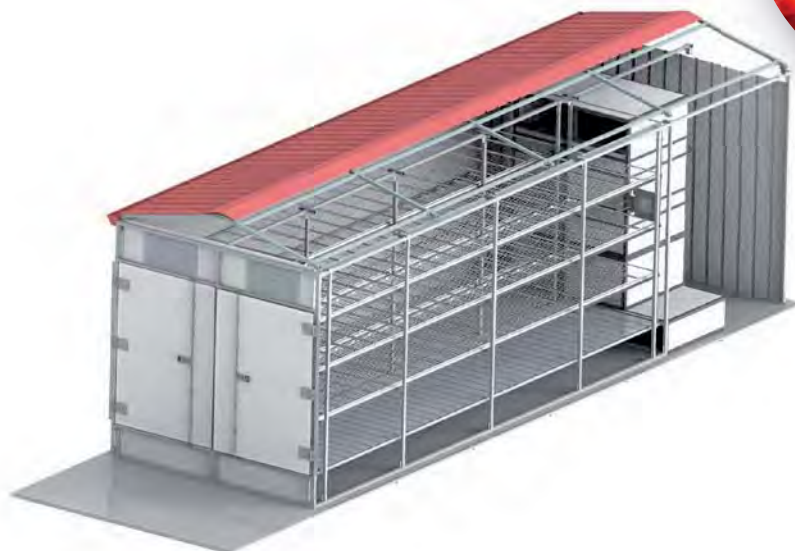
Our units are highly valued among all the tobacco-producing countries where they are installed, in terms of both the quality of the materials in which they are made, and the quantity and quality of the tobacco cured in each drying process and the low fuel consumption.

A common feature among our units is their high ventilation flow-rate, meaning a significant capacity for curing.

- Specially treated corrosion-resistant structure.
- Axial fan.
- High flow-rate and great efficiency.
- Low electricity consumption.
- High-performance combustion chamber in Stainless Steel.

## ➤ DRYING AGRICULTURAL PRODUCE

- Fruit
- Seeds
- Herbs
- Vegetables
- Saffron
- Rice
- Tea





# PRIMARY TOBACCO CURING FACILITY

Using centralised production means greater energy efficiency and greater control over the curing process.

Centrally-produced energy for the curing rooms.  
It is also possible to use a mixture of fossil fuels (diesel, LPG, natural gas) and biomass (pellets, wood, rice husk, fruit pits, etc.). The hot water produced centrally is circulated via insulated pipes to each curing room. The centralised facilities are highly efficient, meaning higher quality tobacco is obtained, while external factors and combustion gases inside the rooms are eliminated.



## 7 CURING THERMOREACTOR

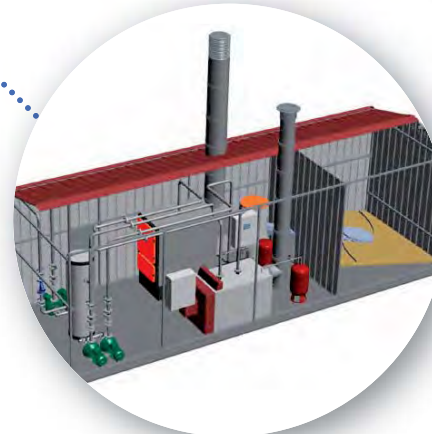
Air treatment unit: filtering, heating, moistening and regulating air flow into the dryers.

- Minimal electricity consumption.
- Special fans for drying processes.



## CHARACTERISTICS

- ❑ CENTRALISED HOT WATER PRODUCTION.
- ❑ MAXIMUM ENERGY EFFICIENCY.
- ❑ LOW MAINTENANCE COSTS.
- ❑ EASILY-INSTALLED PREFABRICATED PARTS
- ❑ AUTOMATIC OR MANUAL OPERATIONS (OR A COMBINATION OF THE TWO).
- ❑ POSSIBLE REMOTE CONTROL & SUPERVISION.
- ❑ GREATER CONTROL OVER CURING PROCESS.



7 PHOTOVOLTAIC PANEL



# SUCCESS STORY

## ➤ CAPA PRIMARY TOBACCO CURING FACILITY

- 5 Houses with 10,500 kg green tobacco.
- Fuel: Biomass & Diesel.
- Thermal output installed: 250 kW.
- Curing thermoreactors equipped with 4 kW ventilators.
- Control room to monitor data, with remote supervision.







## COMMITMENT

➤ Kalfrisa has obtained the ISO 9001:2008 quality certificate for the design and provision of equipment, plants and technologies for heat recovery, air or gas heating, incineration, oxidation of volatile organic compounds (VOC) and industrial heating.

This certificate has been obtained as a result of the effort made by Kalfrisa to offer top quality service, implementing a working culture that is regulated by both internal and external quality standards.

ISO 9001 : 2008

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