

# TECHNICAL SHEET

## ATTESTA dryer

### Presentation of Tunnel dryer (PAFASP, 2017)

The dryer is built with wall insulation panels (80 mm, polyurethane/chromadek). The roof panels are 80 mm. All panel joints are tongue and groove sealed with manually injected silicone. Doors slide horizontally or vertically depending on the space available in the drying unit.

### Technical characteristics of the dryer (PAFASP, 2017)

- Dimensions: Length (outside): 6.96 m; width (outside): 2.438 m; height (outside): 2.591 m.
- Approximate weight: 3500 kg with carts and racks.
- Capacity: 252 racks (42 racks per cart) on 6 carts. Plus or minus 6kg of fresh mango slices per rack, that is to say plus or minus 1500 kg of fresh mango slices and gives 220 to 240 kg of dried mango slices per drying cycle.
- Heating system: Riello gas burner 120 kw with gas train.
- Ventilation system: Two axial fans (2 x 1,5 kW).
- Energy: Electric and gas dryer with forced convection.
- Dryer loading: Discontinuous operation.

### Characteristics of the technology

- 120 Kg of dried mango in 24 hours
- Reduction of post-harvest losses.
- Extension of the availability period of mango products

### Bibliographic references

PAFASP (2017) : GUIDE DE LA TRANSFORMATION DE LA MANGUE PAR LE SÉCHAGE AU BURKINA FASO ; Projet d'appui à la commercialisation de mangue séchée et de noix de cajou transformée ; 54p.

## **Web sites consulted**

[SNV CIR Guide Transformation mangue sechee 01.pdf \(cir-burkina.org\)](#) ; 04/03/2022 à 09h50

## **Other references**

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