

# CASSAVA BATCH DRYER



## DRY YOUR CASSAVA FOR PRESERVING ITS VALUE

- MODULAR** The containerized shape of this dryer allows easy transport and easy to connect it to other dryers for increasing the production, as for adapting to simple and easy layout
- ROBUST** A strong chassis combined with field proven technology in use on our dryers for more than 40+ years is our recipe for designing dryers that last.
- MULTICROP** Designed initially for cassava, this dryer can be used for drying any type of vegetable or herbs, as well as for drying grains.
- HIGH QUALITY** Top quality electrical components are used for the electrical panel, as well as Italian Riello industrial dryer is mounted on the dryer. All drying trays and the inside is covered with stainless steel which is the best material for a clean drying process in the long run.
- EASY TO USE** The dryer needs simply diesel fuel and electrical power for operating, then all safeties are included in the control panel
- ENERGY SAVING** The dryer is thermally insulated internally for keeping the heat inside the container and not losing calories to the atmosphere but using them for drying only.



The dryer is thought towards smallholder as well as for industrial production of dried cassava.

The shape of the dryer is based on 20 ft HC container (40 ft HC also available) giving with double opening doors: on one side for accessing to the heating unit (with heat exchanger for not contaminating the cassava with the products of the combustion) and the control panel and on the other side for loading the trays with pieces/slices of cassava to be dried.

The drying chamber consists of 96 drawers providing a total drying surface of about 105m<sup>2</sup>. The container is thermally insulated on the inside and the control system is equipped with temperature and moisture sensors to automatically change the ventilation mode from internal recirculation to external aeration.

The dryer works with electrical power supply, typ. 400V 50Hz.

<b>Burner</b>	<b>Diesel / gas</b>
<b>Heat exchanger</b>	Yes
<b>Trays</b>	Stainless steel
<b>L x W x H (m)</b>	6.5 x 2.5 x 2.9
<b>Drying chamber dimension (m)</b>	4.5 x 2.5 x 2.9
<b>Heat recovery</b>	Included
<b>El. Power</b>	7 kW
<b>Heating power</b>	200 000kCal/h
<b>Loading volume</b>	6.5 – 11 m <sup>3</sup>



**MECMAR**