

# Microwave Tunnel 40 kW / 2445..2470 MHz

Based on Magnetron Technology



## Application

Continuous microwave dryer for gentle drying of insects like black soldier flies

## Housing

Frame made of aluminium profiles  
2 service doors for applicator room cleaning

## Dimensions

Usable length	5350 mm
Usable width	330 mm
Usable height	120 mm
Working height of the conveyor belt	1000 ± 20 mm
Total length	10150 mm
Total width	1700 mm

## Technical Data

Microwave Power	40 x 1 kW continuously adjustable
Frequency	2445..2470 MHz
Supply voltage	400 V AC, 50 Hz
Total connected load	max. 50 kVA
Belt speed	adjustable 1-4 m/min

- Conveyor belt
- Exhaust system
- 5 pyrometer for product monitoring
- 2 sensors for monitoring the humidity in the furnace
- 4 radial ventilators for cooling the products
- Sensor in the belt infeed to control the shift register
- PLC control with Touch Panel