

# TUNNEL KILN FOR METAL ENAMELING

Technical Datasheet



We specialize in the design and manufacturing of industrial furnaces used in processes that require precise temperature control.

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# Technical datasheet

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# METAL ENAMELING

## APPLICATIONS

- Enameling
- Electrostatic Painting
- Heat Treatments

## FEATURES

Metal Enameling Oven. The enameled products are applied in the food industry (ovens and stoves). Additionally, it can be used for electrostatic painting.

### Internal Chamber dimensions:

Height: 120 cm  
Width: 75 cm  
Depth: 100 cm

### External dimensions:

Height: 220 cm  
Width: 110 cm  
Depth: It depends on the number of modules.

### Material of the inner chamber:

Base made of high alumina refractory bricks and walls lined with refractory blanket, with resistance up to 1300°C.

### Revestimiento externo:

Electrostatically coated steel sheet and ASTM 304 stainless steel panels (food grade) in the top of the kiln.

**Continuous working temperature:** 850°C

**Maximum working temperature:** 1000°C

**Fuel:** Gas LP 0.5 PSI

### Burner Features:

2 independent zones with electronic temperature control and ramp-hold program storage. Can be connected to a computer.

### Temperature control:

Electro-valve system and BASO electronic fuel cutoff system.

### Thermocouple:

Tipo K con revestimiento cerámico

### Elementos calefactores:

Alambre espiral de aleación tipo Kanthal

**Variación en medida de temperatura:**  $\pm 1^{\circ}\text{C}$



**Warranty:** 1 year against manufacturing defects.

**Delivery time:** 2 to 3 weeks.

