COATING & PAINT CURING OVENS

Vitreous Enamel Oven

Oven for drying enamel coatings on steel and cast iron before firing.



TEMPERATURE
Up to 900°C

HEATING
Electric or gas (PNG/LPG)

INDUSTRIES
Appliances, sanitaryware, cookware

Specifications

Firing temperature	up to 900°C (vitreous enamel about 780°C to 850°C)
Gas furnace working range	500°C to 850°C
Gas heating	4 PNG/LPG burners in 2 zones
Circulation	2 fans, 2 HP
Conveyor	overhead conveyor or SS-304 mesh belt
Electric utensil line	60 kW, 500°C, 560 mm belt
Electric zones	1,800 mm pre-heat, 2,400 mm heating, 3,000 mm cooling
Insulation	about 175 mm ceramic fibre blanket
Control	digital PID

Features

- Fast heat-up and even firing temperature
- Box or conveyor designs
- Overhead conveyor for hanging ware
- Separate pre-heat, firing and cooling zones
- Electric or PNG/LPG heating
- Low thermal mass ceramic fibre lining

Applications

- Enamelled cookware and kitchenware
- Water heater tanks and panels
- Sanitaryware and bath tubs
- Signs and architectural panels
- Cast iron stove and grate parts