FOUNDRY & WELDING OVENS

Core Baking Oven

Oven for baking sand cores so they are hard, dry and gas-free before casting.



TEMPERATURE
Up to 300°C

HEATING
Electric, gas (LPG/PNG/CNG) or dual fuel (electric + gas)

INDUSTRIES
Ferrous and non-ferrous foundries

Specifications

Working temperature	up to 300°C
Typical bake	200°C to 250°C
Time	from under an hour to several hours by core thickness
Loading	core plates on racks or trolleys
Heating	gas (PNG/LPG/CNG), electric or dual fuel

Features

- Even airflow around cores on racks or plates
- Fresh air supply for binder curing
- Exhaust for core fumes
- Trolley or rack loading for mixed core sizes
- Timer and temperature record per batch

Applications

- Ferrous foundries making cored castings
- Non-ferrous and aluminium foundries
- Engine block and cylinder head cores
- Pump, valve and pipe fitting cores
- Jobbing foundries with mixed core sizes