HEAT TREATMENT OVENS

Aluminium Ageing Oven

Oven for artificial ageing (T5/T6) of aluminium extrusions and castings, with tight temperature uniformity for consistent strength.



TEMPERATURE
Up to 250°C

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

INDUSTRIES
Aluminium extrusion, castings

Specifications

Working temperature	up to 250°C
Typical cycle (6063 T5)	4 to 6 hours at 175°C to 185°C
Typical cycle (6063 T6)	6 to 8 hours at 175°C to 190°C
Loading	baskets or racks on trolleys
Heating	gas (PNG/LPG/CNG), electric or dual fuel

Features

- High-volume recirculation for even temperature in dense loads
- Airflow directed along the length of profiles
- Soak timer that starts when the load reaches temperature
- Trolley or bogie loading of baskets and racks
- Recorder for batch traceability

Applications

- Aluminium extrusion plants
- Architectural and industrial profiles
- Aluminium castings after solution treatment
- Forgings and machined aluminium parts
- Utensil and component manufacturers