HEAT TREATMENT FURNACES

Annealing Furnace

Box, bogie or pit furnace for annealing steel, brass, copper and aluminium foil, up to 1,200°C.



TEMPERATURE
Up to 1,200°C

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

INDUSTRIES
Steel, brass and copper, aluminium foil, engineering

Specifications

Maximum temperature	up to 1,200°C
Types	box, bogie hearth or pit
Steel sub-critical anneal	about 650–720°C
Aluminium foil final anneal	about 250–300°C, long soak
Brass/copper example	PNG-fired, 100–750°C working
Heating	electric, LPG/PNG/CNG burners
Insulation	ceramic fibre, insulation brick, fire-brick roof as needed
Controls	digital PID with timer; recorder/data logger optional

Features

- Box, bogie or pit design to suit the load
- Even temperature through dense loads
- Programmable heating, soak and cooling
- Recorder for heat treatment records
- Gas, electric or dual-mode heating
- SS firing chamber keeps flame off the work

Applications

- Annealing steel pressings and forgings
- Annealing brass and copper sheet and strip
- Final annealing of aluminium foil coils
- Annealing tubes and fabricated parts
- Softening cold-worked parts between operations