HEAT TREATMENT FURNACES

Tempering Furnace

Forced-air batch or conveyor furnace for tempering hardened steel parts at 150–650°C.



TEMPERATURE
150–650°C

HEATING
Electric or gas (LPG/PNG/CNG)

INDUSTRIES
Steel forging and casting, fasteners, tools, auto parts

Specifications

Working range	150–650°C
Types	batch box/trolley or continuous mesh-belt conveyor
Airflow	forced air, SS-304/SS-310 fans
Conveyor drive	1 HP AC variable speed (conveyor models)
Heating	electric or LPG/PNG/CNG burners
Insulation	up to 225 mm ceramic fibre + mineral wool
Controls	digital PID, soak timer, independent over-temperature controller
Options	recorder, paired hardening line

Features

- Forced air for even tempering
- Batch or continuous designs
- Water-cooled fan bearings on hotter units
- Soak timer with end-of-cycle alarm
- Pairs with our hardening furnace
- Gas or electric heating

Applications

- Tempering hardened fasteners
- Tempering tools, dies and punches
- Tempering gears and shafts
- Tempering springs and clips
- Tempering forgings after hardening