HEAT TREATMENT FURNACES

Salt Bath Furnace

Pot-type salt bath furnace for fast, even hardening, tempering and treatment of tools and parts.



TEMPERATURE
As per salt and process

HEATING
Electric or gas (LPG/PNG/CNG)

INDUSTRIES
Tools and dies, steel heat treatment, fasteners

Specifications

Type	pot furnace with external heating
Temperature	as per salt and process (low-temperature tempering to high-temperature hardening)
Heating	electric elements around the pot, or LPG/PNG/CNG burners
Pot	steel pot sized to basket and salt volume
Insulation	refractory brick and ceramic fibre casing
Controls	digital controller, thermocouple in protective pocket
Safety	over-temperature cut-out; fume hood recommended
Options	pre-heating oven, quench tank

Features

- Fast, even heating by liquid contact
- Clean surface with little oxidation
- External heating of the pot
- Pot sized to your baskets
- Digital temperature control
- Can be paired with a pre-heating oven

Applications

- Hardening tools and dies
- Tempering and quenching small parts
- Heat treating cutting tools
- Treating springs and clips
- Special surface treatments with suitable salts