HEAT TREATMENT FURNACES

Tempering Pit Furnace

Top-loading pit furnace for tempering long or heavy parts after hardening.



TEMPERATURE
Up to 700°C

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

INDUSTRIES
Shafts, heavy engineering

Specifications

Working temperature	150°C to 700°C
Chamber	vertical pit, loaded by crane
Circulation	fan with guide cylinder
Loading	baskets or hanging fixtures
Heating	electric or gas fired

Features

- Fan-forced circulation for uniform tempering
- Baskets and hanging fixtures for long parts
- Lid with swing or lift mechanism
- Accurate control, as hardness depends on temperature
- Sits in line with hardening and quench equipment

Applications

- Shafts, axles and spindles
- Gears and pinions after hardening
- Springs and torsion bars
- Tools and dies
- Fasteners in baskets