HEAT TREATMENT OVENS

Spring Stress Relieving Oven

Oven for stress relieving coiled springs after forming so they hold their shape and load.



TEMPERATURE
Up to 450°C

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

INDUSTRIES
Spring manufacturers

Specifications

Working temperature	up to 450°C
Carbon steel and music wire	about 230°C to 260°C
Stainless and alloy wire	about 350°C to 425°C
Typical time	20 to 30 minutes at temperature
Heating	electric or gas fired

Features

- Mesh-belt conveyor for continuous flow from the coiler
- Even temperature across the belt width
- Variable belt speed to set time at temperature
- Batch basket version for large springs
- Compact layout beside coiling machines

Applications

- Compression, tension and torsion springs
- Wire forms and clips
- Automotive valve and suspension springs
- Stainless steel springs
- Flat and strip springs