COATING & PAINT CURING OVENS

PTFE Coating Curing Oven

High-temperature oven for curing PTFE (Teflon) and other fluoropolymer coatings on industrial parts.



TEMPERATURE
Up to 550°C

HEATING
Electric or gas (LPG/PNG)

INDUSTRIES
Rollers, valves, moulds, food machinery

Specifications

Maximum temperature	550°C
Working range	200°C to 500°C
Zones	3 to 7 controlled zones
Example layout	3,000 mm pre-heat, 12,000 mm heating, 2,000 mm idle, 3,000 mm cooling
Heating	electric 60 to 144 kW, or LPG/PNG burners
Air circulation	1 HP fan per zone
Conveyor	wire mesh with variable-speed drive
Control	multi-zone digital PID with thyristor, ±1°C at set point
Insulation	200 mm

Features

- High-temperature sintering of non-stick coatings
- Zoned profile for drying, sintering and cooling
- Accurate multi-zone control
- Electric or gas fired
- Long tunnels for high output
- Exported to Bangladesh

Applications

- Non-stick cookware and bakeware
- Industrial rollers and moulds
- Valves, pumps and chemical plant parts
- Food machinery components
- Fasteners and release-coated tooling