CONVEYOR & CONTINUOUS OVENS

Cap and Label Curing Conveyor Oven

Low-temperature conveyor oven for curing printed PP caps and closures and fusing PVC labels, with gentle, even airflow.



TEMPERATURE
Up to 250°C

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

INDUSTRIES
Plastic closures, packaging, garment labels and accessories

Specifications

Design temperature	up to 250°C
PP cap curing	typically low temperature, set to ink or lacquer datasheet
PVC label fusion	typically about 150–180°C
Conveyor	SS-304 wire mesh, width to suit output
Drive	variable-speed AC or DC gear motor
Air circulation	1 HP fans, one per zone
Heating	electric, LPG/PNG burner in firing chamber, or dual fuel
Control	digital PID, thyristor or burner control
Insulation	75 to 125 mm mineral or ceramic wool
Cooling	cooling section or separate cooling conveyor

Features

- Even hot air across the belt width
- Gentle airflow so light parts stay in place
- Variable belt speed to set dwell time
- Separate zones for drying and curing
- Burner-fail alarm on gas models
- Cooling section so parts can be packed at once
- Electric, LPG/PNG or dual fuel heating
- Sized to your caps, labels and output

Applications

- Curing of printed PP caps and closures
- Lacquer and coating cure on closures
- PVC labels and patches for garments and bags
- PVC rubber key chains, badges and patches
- Small plastic parts after printing
- Silicone and PVC moulded labels