RUBBER, PLASTIC & COMPOSITE OVENS

PVC Curing Oven

Conveyor or batch oven for gelling and curing PVC plastisol in moulds, mats, labels and coated parts.



TEMPERATURE
Up to 250°C (higher on request)

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

INDUSTRIES
PVC, rubber and plastics, automotive accessories, labels

Specifications

Working temperature	typically about 200°C
Maximum rating	250–450°C depending on build
Type	conveyor (continuous) or batch trolley
Example conveyor	2,500 mm heating + 3,000 mm cooling zone
Electric heating	from about 18 kW
Gas heating	LPG/PNG/CNG burner in a firing chamber
Insulation	75–125 mm mineral wool / ceramic fibre
Drive	DC or VFD variable speed
Options	water-cooling conveyor for moulds, cooling hood with fan

Features

- Even airflow over moulds for complete fusion
- Burner-fail alarm on gas models
- Variable conveyor speed to set cure time
- Cooling section with hood and fan
- Optional water-cooled mould conveyor
- Batch or continuous layouts

Applications

- Curing PVC car mats and floor mats
- Curing PVC labels, patches and key chains
- Fusing PVC dip-coated tool handles and grips
- Curing plastisol-filled moulds for soft PVC goods
- Curing PVC coatings on wire products