CONVEYOR & CONTINUOUS OVENS

Roller Conveyor Oven

Continuous oven using driven rollers to move flat or boxed loads such as panels, sheets or trays.



TEMPERATURE
Up to 300°C

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

INDUSTRIES
Panels, sheet metal, glass, wood

Specifications

Working temperature	60°C to 300°C
Conveyor	chain-driven steel rollers
Load type	panels, sheets, trays and boxes with flat bases
Roller pitch	at least three rollers under each load
Heating	electric or gas fired

Typical reference builds

Build	Load	Working size (W x D x H)	Temperature	Heating
Compact	~150 kg/hr	6,000 × 800 × 600 mm tunnel	up to 200°C	Electric or LPG
Standard	~400 kg/hr	10,000 × 1,200 × 800 mm tunnel	up to 250°C	Electric or PNG/LPG
Heavy-Duty	~1,000 kg/hr	18,000 × 1,800 × 1,000 mm tunnel	up to 300°C	PNG or dual-fuel

Indicative only: chamber size and heating load (kW or burner rating) are engineered to your load, cycle and site supply.

Features

- Driven rollers matched to your existing line height
- Drive and bearings kept outside the heated chamber
- Roller pitch set from the shortest load
- Zoned heating along the length
- Accumulation or indexing control if required

Applications

- Drying of coated panels and boards
- Curing of laminates and adhesives
- Heating of trays of small parts
- Drying of printed or lacquered sheets
- Preheating of flat components