CONVEYOR & CONTINUOUS OVENS

Chain Conveyor Oven

Continuous oven where parts ride on chain-driven fixtures or carriers through the heating zones.



TEMPERATURE
Up to 300°C

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

INDUSTRIES
Coating, automotive parts, appliances

Specifications

Working temperature	80°C to 300°C
Conveyor	single or twin chain with fixtures
Part holding	pallets, pins or rotating spindles
Line speed	variable, matched to cure time
Heating	electric or gas fired

Typical reference builds

Build	Load	Working size (W x D x H)	Temperature	Heating
Compact	~100 kg/hr	6,000 × 1,000 × 1,500 mm tunnel	150–200°C	Electric or LPG
Standard	~300 kg/hr	12,000 × 1,200 × 1,800 mm tunnel	180–220°C	PNG/LPG or electric
Heavy-Duty	~800 kg/hr	24,000 × 1,500 × 2,200 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

- Fixtures or spindles made for the part
- Optional spindle rotation for all-round curing
- Even spacing for repeatable results
- Chain lubrication suited to oven temperature
- Guarded load and unload stations outside the oven

Applications

- Curing paint on small cylindrical parts
- Coating lines for automotive components
- Drying of adhesive on assemblies
- Curing of sealant on filters and housings
- Appliance component finishing