CONVEYOR & CONTINUOUS OVENS

Conveyor Tunnel Oven

Long continuous tunnel oven for drying, baking and curing bulky parts carried on chain, roller or trolley.



TEMPERATURE
Up to 500°C

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

INDUSTRIES
Drums and barrels, welding electrodes, packaging, general engineering

Specifications

Working range	50–300°C drying; up to 500°C curing builds
Zones	pre-heat, heating and cooling, independently controlled
Conveyor	chain, roller, overhead or trolley train (chosen per product)
Drive	AC/DC/VFD variable-speed gear motor
Airflow	circulation fan per zone (about 1 HP each)
Heating	electric, LPG/PNG/CNG burners, or dual mode
Insulation	75–200 mm mineral wool / ceramic fibre
Controls	zone-wise digital PID with thyristor; PLC optional

Features

- Continuous flow, with no loading and unloading between batches
- Conveyor type chosen for bulky or heavy products
- Independent zone temperatures
- Variable speed to set dwell time
- Cooling zone at exit
- Gas, electric or dual-mode heating

Applications

- Baking and drying painted drums and barrels
- Continuous baking of welding electrodes on trolleys
- Drying washed parts and racks of trays
- Curing coatings on cylinders and long fabrications
- Continuous drying of moulded or cast products