COATING & PAINT CURING OVENS

Primer and E-coat Curing Oven

Oven for curing primers and electro-deposition (ED) coatings on vehicle bodies and metal parts.



TEMPERATURE
Up to 220°C

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

INDUSTRIES
Automotive, ancillaries, appliances

Specifications

Working temperature	140°C to 220°C
Typical cure	20 to 30 minutes at 160°C to 180°C metal temperature
Zones	heat-up and hold, separately controlled
Conveyor	overhead, skid or batch trolleys
Heating	gas direct or indirect, or electric

Features

- Heat-up zone followed by controlled hold zones
- Airflow directed into cavities and box sections
- Drip and drain area ahead of the oven
- Exhaust for cure vapours with fresh air make-up
- Zoned control for mixed heavy and light sections

Applications

- Vehicle bodies and cabs
- Chassis and suspension parts
- Two-wheeler frames
- Appliance and agricultural parts
- Primer baking before top coat