INDUSTRIAL DRYERS & HOT ROOMS

Plate and Sheet Heating Oven

Ovens to heat metal plates, dry washed sheets and soften plastic sheets for hot forming.



TEMPERATURE
Up to 600°C (metal plates); typically below 200°C for plastic sheets

HEATING
Electric or gas (LPG/PNG/CNG)

INDUSTRIES
Aluminium, brass and copper, plastics, laminates and plywood

Specifications

Plate oven chamber	e.g. 900 × 1,200 × 1,200 mm, about 1,000 kg per charge
Plate oven temperature	100°C to 550°C working, 600°C maximum
Plate oven heating	PNG/LPG burner, SS-304 firing chamber, AISI 310 firing tube
Hot forming oven	finned air heaters, 15 to 18 kW typical
Hot forming loading	three-tier front loading
Sheet dryer	gas fired conveyor with fan assembly
Air circulation	1 to 4 fans or 2 HP blower
Insulation	125 mm ceramic fibre and mineral wool
Control	digital controller with timer and hooter

Features

- Even heating across the full sheet
- Trolley, shelf or conveyor loading
- Rise-and-fall door on plate ovens
- Timer and hooter for cycle end
- Electric or gas fired
- Sized to your sheet or plate dimensions

Applications

- Aluminium plates before rolling or forming
- Copper and brass sheets after washing or pickling
- PVC sheets for hot forming
- Acrylic and plastic sheets for bending
- Laminate and decorative panels
- Plate pre-heating before welding or bending