INDUSTRIAL DRYERS & HOT ROOMS

Tile Dryer Oven

Batch or conveyor hot air dryer that removes moisture from ceramic tiles and ceramic parts before glazing or firing.



TEMPERATURE
Up to about 250°C (profile set to tile body)

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

INDUSTRIES
Ceramic tiles, ceramics, refractories, clay products

Specifications

Type	batch trolley or shelf oven; conveyor dryer on request
Working temperature	up to about 250°C, set to tile body
Typical drying profile	gentle start at about 60–80°C, ramp to 150–250°C
Moisture target	typically below 1% residual before glazing or firing
Heating	electric, LPG/PNG burner in firing chamber, or dual fuel
Air circulation	fans sized for even airflow between tiles
Moisture exhaust	adjustable damper or exhaust fan
Control	digital PID with timer; programmable ramp optional
Insulation	ceramic fibre and mineral wool
Trolleys and racks	made to tile size

Features

- Gentle start and controlled ramp to avoid cracks and warping
- Even airflow between every tile on the rack
- Moisture exhaust for faster drying
- Programmable drying profile with cycle timer
- Trolleys and racks made to your tile sizes
- Electric, LPG/PNG or dual fuel heating
- Batch or conveyor designs

Applications

- Pressed ceramic and vitrified tiles before glazing or firing
- Glazed tiles after glazing
- Decorative and handmade tiles
- Refractory bricks and shapes
- Terracotta and clay products
- Sanitary-ware and ceramic parts