

JLS (Redditch) Ltd 550°C Gas Fired Oven



Stock No	OF2670
Manufacturer	JLS (Redditch) Ltd
Model	Stress Relieving oven
Year of Manufacture	2000
Serial	99/4648
Condition	From a working environment, Seen working by RSW, Good Condition
Internal Size (WxDxH mm)	2000 x 1430 x 1840
Max Temp	550°C
Other Info	Extra Heavy Duty Industrial Oven
Location	Arriving in our warehouse soon
Weight (kgs)	3800
External Dimensions (WxDxH mm)	4150 x 1930 x 2780

Description

A heavy duty 550°C JLS Oven with a powerful airflow system incorporating a low pressure, high volume horizontal air recirculating fan delivering uniform temperature distribution.

JLS Ovens are robustly constructed from heavy gauge steel plate and rolled sections with a powerful airflow system incorporating a low pressure, high volume horizontal air- recirculating fan delivering uniform temperature distribution

The oven is configured to suit most applications including high temperature Drying, Curing, Stoving, Annealing, De-embrittlement, Stress relieving, Baking, Heat Treatments, Pre-Heating, and De-Coring etc.

The front loading Oven is supplied with swing aside heavy duty hinged doors, and a robust insulated floor, making it suitable for a wide range of, industrial batch production requirements.

The design of the oven incorporates 6 rear and 1 roof mounted explosion relief panels and a fresh air intake that when used for a process that may produce either water vapour, solvents or other volatiles, these gases can be easily evacuated from the work chamber by opening the fresh air inlet to introduce cooler fresh air into the suction airflow. This can also be used as a means of controlled cooling.

Suitable for a wide range of industrial process applications such as:

Ovens for the Aerospace Industry

- Solution and ageing treatment of aircraft components
- Curing of aircraft composites
- Stoving of high temperature coatings
- Compliance with BAe, Rolls-Royce and Boeing specifications

Ovens for the Aluminium Industry

- Solution and ageing treatments for contract heat treaters
- Pre-heating billets
- Annealing
- Extrusion press die heating

Ovens for the Glass Industry

- Annealing ovens
- Stress relieving of glass components
- Stress relieving of moulds

Ovens for the Finishing Industry

- High temperature paint stoving
- Drying
- De-embrittlement

Ovens for the Electrical Industry

- Motor winding burn-out
- Pre-heat for shrink fitting

Ovens for the Foundry Industry

- Core drying and mould drying
- De-coring
- Launder drying
- Scrap drying

Features

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Machine Datasheet



- Front loading twin doors
- Eurotherm proportional digital temperature controllers
- Comtherm variable output burner for close temperature control
- Process timer
- Insulated floor
- Chessel paper chart recorder with digital readout
- Manual fresh air vent for the removal of volatile atmospheres
- Dual explosion relief panels for use with potential explosive atmospheres
- Internal anti bump support bars
- High temperature insulation for heat treatment processes

Photographs taken prior refurbishment. Our refurbishment service is not available on all machines.