

JLS (Redditch) Ltd 300°C Oven



Stock No	OF2651
Manufacturer	JLS (Redditch) Ltd
Model	300°C Box Oven
Year of Manufacture	Ref 2020
Serial	98/4576
Condition	From a working environment, Good Condition
Internal Size (WxDxH mm)	1500 x 1300 x 2000mm
Max Temp	300°C
Other Info	54KW ATEX Rated Heating
Location	Our Central Warehouse, Aldridge, UK
Weight (kgs)	3100
External Dimensions (WxDxH mm)	3250 x 1800 x 2700mm

Description

This refurbished JLS Oven is a 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 refurbishment has seen the complete re wiring of the oven, new impellor has be fitted and any damage has been repaired. The explosion relief panels have been replaced.



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 3 rear 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.

Also fitted are 10 off Eltron Cromalox 5 watt heater elements providing 50kw of heat power. Manufactured to EN50018 designed for potentially explosive atmospheres.

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

With usable features such as:

- Front loading twin doors
- Eurotherm proportional digital temperature controller
- Eltron Cromalox heater elements for explosive atmospheres

- Manual fresh air vent for the removal of volatile atmospheres
- Dual explosion relief panels for use with potential explosive atmospheres
- High temperature insulation for heat treatment processes

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