

## JLS (Redditch) Ltd Flatbed Conveyor Oven

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Stock No	<a href="#">JR008</a>
Manufacturer	<a href="#">JLS (Redditch) Ltd</a>
Model	Track Curing Oven - Equipment no. 69
Year of Manufacture	1999
Serial	00/4623
Internal Size (WxDxH mm)	1600 x 8000 x 550mm
Max Temp	550°C
Other Info	Gas
Location	Liverpool, Merseyside
Weight (kgs)	8500kg
External Dimensions (WxDxH mm)	2800 x 1100 x 4000mm

### Description

JLS 3 Zone tunnel oven

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Variable speed track  
Afterburner  
Stainless steel lined

Original use was for the stoving of Teflon coatings whereby, zone 1 was utilised as a flash off // pre heat at 175°C and zones 2 & 3 cured the coatings at a temperature of 420°C.

Normal continuous target operating range 100 - 450°C

Burner details:

4 x Comtherm Model EK1  
Natural gas  
Heat Output 175kW

This used JLS gas fired conveyerised/flat bed processing oven,has primarily been used to cure PTFE coatings such as Duponts (Teflon) and Whitford Plastics (Xylan) onto bakeware,but would be equally adept/suited to a whole host of other thermal processing treatments,such as :

Stress Relieving  
Tempering Back / Letting Down  
Curing of Solvent or Water based coatings  
Curing of parts that have been selectively coated  
Precipitation Hardening  
Sub Critical Annealing  
Curing of adhesives  
De-embrittlement  
Curing of Powder coated items  
Retro Fitted to a Dip/Spin for curing of proprietary organic coatings,such as Delta-Protekt,Geomett,Techseal  
Curing of Bonded Coatings / Dry Film Lubricants such as Molykote.

The design,manufacture and operation of this three zone JLS curing oven,is testament to the OEMs approach to world class oven supply,that sees the coated items loaded onto the the load area stage (1.0M) where components are then transported on the variable speed stainless steel belt,where they are "flushed off" with VOCs being contained and treated via the high level after burner,before release to air.Flashed off parts then travel to the main curing stages (two separate chamber) before arriving at the unload area (1.1M),where they are ready to be insepcted,tested and then removed from the belt.

This is a fantastic opportunity to own a JLS oven at a fraction of the price of new and any inspection is welcome.

A start up and operating procedure on how to use the oven will be supplied to the buyer.

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

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