

## Barlow Whitney 250°C Large Capacity Industrial Box Oven



Stock No	<a href="#">OE2606</a>
Manufacturer	<a href="#">Barlow Whitney</a>
Model	250°C Box Oven
Condition	Seen working by RSW, Good Condition
Internal Size (WxDxH mm)	1800 x 1300 x 2100mm (4900 Litres)
Max Temp	250°C : AMS 2750
Other Info	Explosion Relief Panel
Location	Our Central Warehouse, Aldridge, UK
External Dimensions (WxDxH mm)	2740 x 1600 x 2850mm

### Description

#### The Almor's Barlow Whitney E250 oven

Barlow Whitney is part of the Almor Group and Almor has over 90 years experience in the design of electric furnaces and ovens gained through its furnace arm.

Over this time an extensive range of proven "standard" designs have been developed and now incorporate the latest technology in furnace control systems.

Almor is the recognised industry leader in the UK for design, engineering, manufacture, and after-market support of

industrial ovens and Furnaces to accommodate a wide range of applications. Consisting of a double-walled, self-supporting steel plate construction with an insulation material of high quality mineral fibre.

The working chamber is made of heat-resistant material and is welded tight, including a steel floor pan. The oven air is heated using electric heating elements and recirculated by means of a powerful roof mounted fan. The circulated air is routed vertically through the working chamber.

**The ovens are suitable for almost all heat treatment processes:**

- Annealing,
- Tempering,
- Aging,
- Core hardening,
- Drying,
- Preheating,
- Curing,
- Component testing

**Preheating of metals for the following manufacturing processes:**

- Sintering of plastic materials based on polytetrafluoroethylene basis (PTFE).
- Burning-in of special coating materials after drying.
- Burning-off of organic residues on metal parts.

**Advantages**

- High functionality, reliability and durability.
- The oven is supplied ready for installation thus avoiding long commissioning times.
- Heavy-duty, fully welded and riveted structural steel frame.
- Low-watt density, Incoloy sheathed, seamless tubular heaters (TBC).
- Programmable RKC CB400 digital temperature controller.
- High volume vertical airflow system.
- Explosion relief panel to rear.
- Twin door access.
- Air intake port, exhaust port, and dampers.

**Cost-effective:**

- High air movement rate: The material and chamber quickly reaches the required temperature.
- Short heating and cooling rates thanks to insulation material with low thermal capacity.
- Reduced external wall temperatures due to high quality insulation system.

**Flexibility:**

- Suitable for a wide range of industrial processes.
- Crouzet Syr-Line Series Panel Mount Timer Relay.

The Marketplace for Surface Technology.  
New and Used Process Equipment & Machinery.  
***Machine Datasheet***



**Safety:**

- Adjustable safety cut-out against excess temperature.
- Audible alarm.

**Technical specifications**

- Max working temperature 250°C
- Heaters 40kW (TBC)
- 400v / 3ph / 50Hz
- External dimensions: 1800 x 1300 x 2100mm
- Internal dimensions: 2740 x 1600 x 2850mm

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



Surface  
Engineering  
Association

Riley Industries Ltd  
A subsidiary of Barry Riley & Sons Ltd. Director: M P A Riley, Secretary: D Hemming  
Registered in England no. 1965748



European  
Association of  
Machine Tool  
Merchants