Curing Oven

Stock No	OS1280S
Model	NBP S.r.l
Year of Manufacture	2007
Serial	2007376
Internal Size (WxDxH mm)	800 x 11000 x 1165
Max Temp	550°C
Other Info	Conveyor & Multipurpose Jigs Included
Location	Wolverhampton
Weight (kgs)	Sectional Build (5 Sections)
External Dimensions (WxDxH mm)	3/5M x 11/17 x 4 Oven/Conveyor

Description

Sale price reduced - Limited period only

An exclusive little used, industrial convection oven which can be used in applications such as stoving, curing and sintering of numerous proprietary coatings used in industry.

This convection type industrial processing oven has a declared conformity is accordance with the following directives :

CEE 73/23 - 89/392- 91/368 - 93/94 - 93/69 - 89/336 EN60204-1

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

Page 1/3

Originally designed and commissioned for the curing of a proprietary low fire food-safe cookware coating (REALEASE Enamel) on Aluminium substrates at 560 Deg C and in part due to an unexpected change in the work mix and a new management team strategy at this highly regarded sub-contract coating company, there now exists a fantastic opportunity to own this superb second hand industrial curing oven Direct From Site.

The overhead conveyor used on the oven and a large quantity of manufactured multipurpose jigs, in 316 Stainless Steel, is open separately to sensible offers.

Manufactured in 5 sections (2.1M per section) to allow for ease of dismantling & re-erection, the outer body of this curing oven is made of 100% roll-formed zinc coated mild steel that for added structural strength/stability sees the roll formed profile ribbed at 4" centres, along the entire length, with the structure sited on a heavy duty fabricated cradle throughout its entire length, with fully adjustable feet at all corners.

A very notable feature of this part used convection oven is that a stand alone gas pressure booster is available within the sales that increases the gas pressure to 150 Millibar.

If you are applying PTFE based coatings, used in cookware or industrial coatings (Teflon,Xylan,Greblon ?) that require curing in a temperature range in excess of 200 but below 600 Deg C (typically 400-450 Deg C) this oven may be suitable for your needs.

Alternatively, you may have a demand for low temperature vitreous enameling on steel or Aluminium cookware. Nano coatings applied over low temperature vitreous enamel are also another contender for consideration

Alternate non-cookware uses which are numerous, could be to use this second hand industrial convection oven, as a curing oven for industrial organic coatings,or sealant coatings, or to even to re-use as a powder coating curing oven, if you are approaching capacity on an existing line.

The holding jigs on this line are dimensioned as follows :

570mm High
650mm Wide
170mm Deep

Object pieces to be coated are jigged within the jig envelope (if used) and due to their modular design (the cross members top/bottom can be removed) this negates the need or reduces the potential to have specialist jigs made for every different item you may need to coat.

The external and internal condition of this used industrial oven is "straight out of the box" as can be witnessed by the condition of the insulation at the exit end and the overall structural integrity of it design.

The OEM of this oven is NBP an Italian burner and thermal plant manufacturing company and the attention to detail given in their technical specification, operational and maintenance folder leaves no stone unturned.

Interested parties are invited to view for themselves, to see this outstanding convection oven in operation, by contacting our offices in the first instance.

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

Page 2/3

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

Page 3/3