

## SNOL 650°C High Temperature Oven Range



Stock No  
Manufacturer  
Condition  
Internal Size (WxDxH mm)  
Max Temp

[NEW071](#)  
[SNOL](#)  
Brand New  
Various  
650°C

### Description

#### SNOL 650°C High Temperature Oven Range

These industrial batch ovens are ideal for tempering, glass annealing, drying, preheating, and stress relieving.

Designed to operate up to 650°C these ovens have excellent performance and reliability. Well insulated and with good airflow these ovens offer temperature stability and uniformity suitable for a wide range of manufacturing processes.

Air circulation is critical for efficient and uniform heating and horizontal air flow is achieved via heavy duty impellers running at 1400rpm and driven by heavy duty three phase electric motors.

Control of temperature is achieved via an Omron programmable controller coupled with a Solid State Relay and Eurotherm Over Temperature protection.



## SNOL - a leading thermal engineering manufacturer

SNOL is one of the *leading industrial oven manufacturers* in the world. The company is based in Lithuania with subsidiaries in Germany and Ukraine. Founded in 1960 SNOL and is part of the Baltic State's largest metal processing group, employing over 700 people. 90% of production is exported from Lithuania into 40 countries in Europe and worldwide.



Riley Surface World and SNOL is a unique partnership. It combines Europe's finest industrial and laboratory oven manufacturer with a UK company renowned for its high levels of industry knowledge, service and technical support.

SNOL industrial ovens are *available from stock* or by special order, depending on requirements for temperature, size and metal treatment process.

## Applications

Ideal for tempering, glass annealing, drying, preheating, and stress relieving of various materials and components at temperatures up to 650°C.

## Standard Features

These high temperature industrial batch ovens are manufactured with the following features as standard.

- 650°C maximum temperature rating
- Excellent performance and reliability
- Temperature stability in the working chamber at rated temperature in thermal steady state, without charge, not more than  $\pm 1^{\circ}\text{C}$
- Temperature uniformity in working space at rated temperature in thermal steady state, without charge, not more than  $\pm 5^{\circ}\text{C}$
- Low power consumption
- Short heating/cooling time
- A long working oven life, ensured by a ferritic stainless steel interior
- Mild steel clad exterior, with a powder painted exterior
- High thermal efficiency is achieved through the use of low thermal mass insulation
- High volume airflow for excellent uniformity & heating rates
- Micro processor Omron E5CC Programable Temperature controller
- Solid State Relay (SSR) heating power control for close control of the heating profile
- Eurotherm 3216I Over Temperature Protection
- OTP (over temperature protection)
- Heavy duty adjustable door hinges
- Twin shelves supplied with 5 shelf runners
- Door limit switch to shut heat off when door opens to protect the operator
- 1 year manufacturer warranty

## Available Options



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

- Digital process timer with auto-shutdown feature
- Programmable controller to store multiple recipes with multiple ramp/soak segments
- Temperature recorder or data logger
- [Powered Door](#)
- [350°C Industrial Ovens](#)

Image: High Temperature Oven Range

### Available Sizes

Model	Temp °C	Size	Internal (WxDxH)
SNOL 125/650	650	125 litres	500mm x 500mm x 500mm
SNOL 250/650	650	250 litres	500mm x 500mm x 1000mm
SNOL 420/650	650	420 litres	700mm x 600mm x 1000mm
SNOL 500/650	650	500 litres	700mm x 700mm x 1000mm
SNOL 600/650	650	600 litres	800mm x 800mm x 1000mm
SNOL 700/650	650	700 litres	800mm x 900mm x 1000mm
SNOL 800/650	650	800 litres	900mm x 900mm x 1000mm
SNOL 970/650	650	970 litres	900mm x 900mm x 1200mm
SNOL 1500/650	650	1500 litres	900mm x 900mm x 1500mm
Custom	650	To suit your requirements	

### Fully Factory Assembled and Tested

The equipment is, fully factory tested and adjusted prior to shipment from the manufacturer. All safety interlocks are checked for proper operation and the equipment is operated at its maximum operating temperature for a test period. If a temperature uniformity profile test and certification is purchased, the profile test will be performed and documented prior to shipment.

Customers are invited and encouraged to visit our site to witness testing and sign off the equipment prior to shipment. During this visit, personnel are available to demonstrate, and answer any questions you may have concerning design, operation, and maintenance.

### Technical Specifications:

**Temperature range max** 650°C

**Chamber Material** Stainless steel



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