

Romer Essential Electric Oven Range



Stock No	NEW082
Manufacturer	Romer
Condition	Brand New, Excellent Condition, Unused, Current Model
Internal Size (WxDxH mm)	Various
Max Temp	200°C
Weight (kgs)	Various
External Dimensions (WxDxH mm)	Various

Description

Romer Electric Ovens are 200°C general purpose, electric, batch ovens from 3.4m³ upwards. Ideal for processes.

These ovens are from the well respected Polish manufacturer, Romer, and include upgraded controls and build features for Riley Surface World.

Constructed from 160mm thick heavy duty steel insulated panels and externally clad in a hard wearing powder coated finish.

During use, air is circulated around the oven by a roof mounted fan through adjustable hot air vents in the side panels. Ventilation of air during or after the cycle is passive.

This "Essentials" model of our popular [Romer Oven Range](#) is mainly used for the general drying process of powder coating; temperature recording is not required.

Forced Air Circulation

Featuring the addition of a fan to cycle air around the internal chamber, forced air circulation ovens (also known as mechanical) provide you a greater heat consistency for your precision heat application. The higher the air circulation rate per minute results in a greater uniformity. Riley Surface World can also provide [convection ovens](#) with no fan-assisted air circulation.

Typical Applications

- Powder Coating Curing Processes
- Pre heating and low temperature heat treatments
- Thermal bonding
- Drying applications
- Thermal testing etc.

Benefits and Features

- Multi-positional hot air return vents for uniform heat distribution.
- Digital Control read-out.
- Temperature calibration is achieved by adjustable holes inside walls.
- Passive venting.
- Double loading doors with adjustable, explosion proof, slam shut positive.
- Insulated floor with trolley entry channels.
- Constructed of 160mm thick heavy duty steel insulated panels.
- Modular electric heating system - Swiss made finned elements, easy access panel, and an innovative design offering.
- Silicone door seals.
- CE Marked.
- Product trolley supplied.
- 1 year manufacturer warranty.



Machine Datasheet



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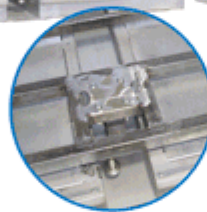
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Through Adju
Vents in the S
Forced Air Cir



Insulated Floor with
Trolley Entry Channels
Easy Access for Large
& Heavy Items



Silicone Door Seals
Retain Optimum
Heat Efficiency



Modular Electric
Heating System
Touch Screen
for Ease
of Use



Controls

- Side mounted control panel with HMI display and an easy view status sounder and light bar
- Over temperature protection
- PLC controlled with iCure 7" Touch screen HMI panel with programmable functionality



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

- Large colour touch panel, providing full control of all operational parameters.
- Save up to 20 programs and 10 consecutive triggers governing ramps, dwells, time and temperatures
- Built in calendar
- Process memory review - internal memory for 20 cycles
- Start timer - begin your process before you reach the factory
- On-board energy consumption monitoring and recording
- Process memory review
- ModBus MASTER/SLAVE RS485 compatible
- USB port for data capture to PC based **iCure** analysis software
- **iCure** PC analysis software

Available Sizes

Model	Temp °C	Size	Internal mm w x d x h
SLS-O 1.5x1.5x1.5	200	3.4 m³	1.5m x 1.5m x 1.5m
SLS-O 1.5x1.2x2.0	200	3.6 m³	1.5m x 1.2m x 2.0m
SLS-O 2.0x1.5x2.0	200	6.0 m³	2.0m x 1.5m x 2.0m
SLS-O 2.0x2.0x2.0	200	8.0 m³	2.0m x 2.0m x 2.0m
SLS-O	200	Custom	To suit your process

Options

If you order an oven designed and built to your specifications the following features are possible.

- Forced Air Ventilation
- Programmable fan speed
- Stainless steel chamber
- Extraction Hood
- Floorless Base
- Dividing Chamber (bulkhead)
- Separate control zones (bulkhead required)
- Ceiling mounted tracks
- Flat Floor with trolley for lighter loads
- Hanging frame or rail mounted on trolleys
- Material handling conveyors
- Pull out shelves and shelving guides
- Gas powered heating - available on some models (mains and LPG)

In addition Rileys has two other Romer Electric Oven Ranges that offer additional features to the Essentials Range.

[Romer 200°C Industrial Oven Range](#) offers significant temperature recording and monitoring features. These allow for bett



traceability during and after your process.

[Romer 200°C Convection Industrial Oven Range](#) offers chamber heating without using fans to move air. These radiant ovens are particularly useful for cases where the process can't tolerate air movement in the oven chamber.

Romer - Experienced Oven Manufacturer

The outstanding feature of Romer ovens is the *quality* of manufacturing. Everyone who stands in front of a Romer, from buyers to calibration engineers, have commented how *well constructed* they are.

Image:]

Romer have been manufacturing [ovens](#) and [powder coating](#) machines from their base in central Poland for over 25 years : worldwide. Their 8,000m² facility employs over 150 staff and has passed Riley Surface World's inspection and auditing requirements.

Riley Surface World and Romer have *secured a partnership* to service the UK market with large (over 1m²) ovens up to 220°C curing powder *coating* but the range of applications is large.

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