

From the UK's No. 1 Industrial Oven Builder

Ovens for,
Drying, Curing,
Stoving,
Annealing,
Relieving,
Warming,
Baking.
OUR UNIQUE
MODULAR
SYSTEM
OFFERS YOU
A CUSTOM
BUILD
OVEN AT A
STANDARD
BUILD PRICE

THE BIG BOOK OF

INDUSTRIAL OVEN PRICES

Mini Box Ovens

Walk in Ovens

Tall Ovens

Overhead Conveyor Ovens

Multi-Pass Conveyor Ovens

Shuttle Ovens

Belt Conveyor Ovens

Guillotine Door Ovens

Well Ovens



Established 1951

Pricing Guide
January 2024

RDM Ovens. Manufactured for over 40 years.

All RDM Engineering ovens are designed and manufactured using modular principles. This ensures maximum consistency of quality, minimum cost to the customer, rapid production, a vast range of standard oven sizes; yet permits the versatility and flexibility to tailor an individual oven to meet a customer's exact needs.

You can specify precisely the oven you need, not simply choose from a list of what is available. All models in the RDM range can be specified for standard temperature operation or other high-temperature duties. For purposes of this guide, standard temperature operation is taken to be up to 250°C; whilst high temperature is assumed to be up to 500°C

A Walk in or 'Box' Oven is a freestanding unit used to heat or cure products in batches. A batch is loaded into the oven; the oven's operational cycle takes place; the batch is unloaded.
A single door, pair of doors or multiple doors are all possible, for speedy and simple loading/unloading, many Box Ovens are supplied with manual conveyor systems to simplify product loading. Powered doors are an option.

A Tunnel oven describes an oven integrated into a continuous production process, usually incorporating a conveyor, whether belt type or overhead chain type. Products are carried on the conveyor into the pre-heated oven. During the travel time they are exposed to the constant heat of the oven. The length of the curing cycle dictates the conveyor speed.

A Multi-pass oven is a tunnel oven through which the conveyor system carries the same products several times, in order to achieve the curing time.

All RDM Ovens incorporate a pressurised solvent and fume exhaust system and triple safety control system as standard — automatically to purge newly-painted products of excess paint and solvent vapours prior to the curing cycle beginning.

Explosion-relief panels are standard in all RDM ovens.

Every RDM oven can be specified to operate with a choice of fuels. Electricity, Natural or LPG gas and steam are the normal direct-heating options: oil-fired burners offer an alternative option and indirect heating using a heat exchanger, can be specified to minimise possibility of contamination.

RDM's optional Cruzeburn digital temperature modulation facility enables users to achieve a greater degree of temperature control accuracy as well as significant energy savings.

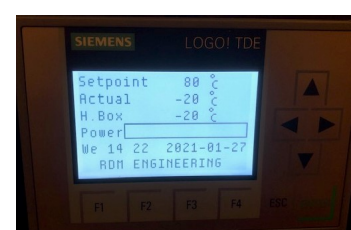
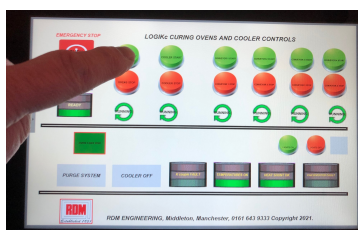
RDM's design of forced air circulation ensures the highest standards of consistency within the oven.

RDM tunnel-ovens are usually fitted with Airsurround seals in the parts aperture to minimise heat losses.

The Control system comprises a full Control Panel with purge and shut down timers, control relays, full safety interlock system, fan pressure sensors, status indicators and a twin set-point digital temperature controller.

Optional controls include a digital process control timer, a fully automatic 24 hour, 7 day time clock control. We also offer a range of full temperature programmers, data loggers and HMI interface types.

Every RDM oven is fully tested and calibrated before handover takes place. Every RDM Oven is fully guaranteed for 12 months, covering parts and labour.

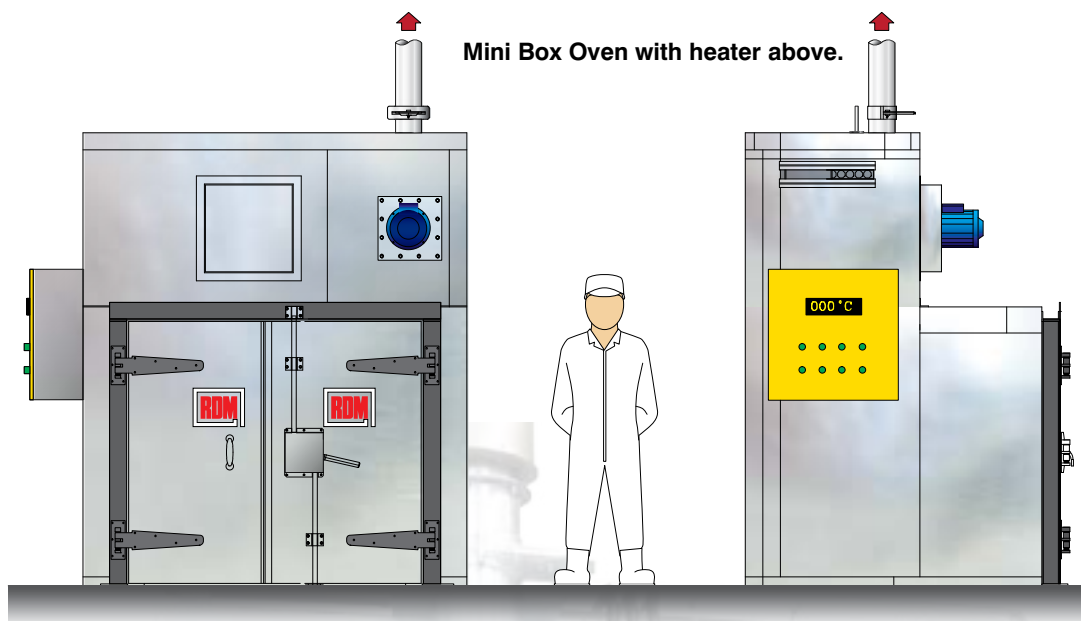


Mini Box Oven Range

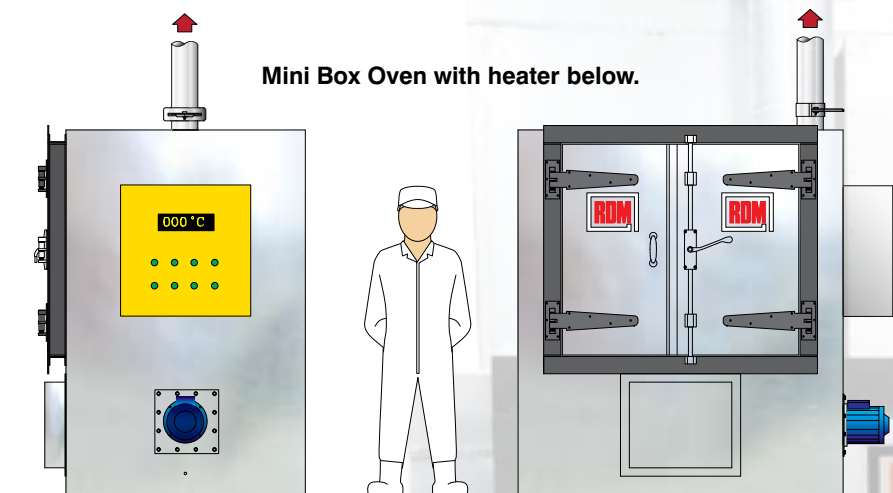
Ovens are available 'stand mounted' or 'floor mounted' Mini Box Ovens are shipped, prebuilt, pretested and ready to run.

All RDM Ovens include a pressurised solvent and fume exhaust system and our triple safety system as standard.

Mini Box Oven with heater above.



Mini Box Oven with heater below.



Standard Temperature Range up to 250°C.
We offer versions up to 500°C.
Price on application.

Model	Internal Height	Internal Depth	Internal Width	Price £		Powered Door £
	Metres	Metres	Metres	Gas Heated	Electric Heated	Pneumatic
Mercury 1	1.00	1.00	1.00	£12,490.00	£12,690.00	£1,450.00
Mercury 2	1.20	1.20	1.20	£13,330.00	£13,680.00	£1,490.00
Mercury 3	1.50	1.20	1.20	£13,960.00	£14,420.00	£1,640.00
Mercury 4	1.50	1.50	1.50	£14,740.00	£15,120.00	£1,730.00
Mercury 5	1.80	1.80	1.80	£16,840.00	£17,220.00	£1,952.00
Mercury 6	1.80	1.20	1.50	£15,990.00	£16,540.00	£1,730.00

Remember! RDM build Ovens of ANY size to suit your specific requirements.

Standard Option List (We also offer a range of specialist controls, programmers and recorders.)

Digital fully automatic process timer, offers full shut off at end of process: £190.00

24 Hour/7 day start/stop clock: £220.00

Eurotherm Nanodac 4 channel paperless data logger and system programmer. £2,650.00

Cruzeburn digital temperature modulation for gas burners offers precision temperature control: £1,980.00

All ovens are available with air ram powered pneumatic lift doors with twin safety check system.

Installation and Delivery is extra at cost

Warranty is comprehensive 12 month

VAT is charged extra to UK Customers.

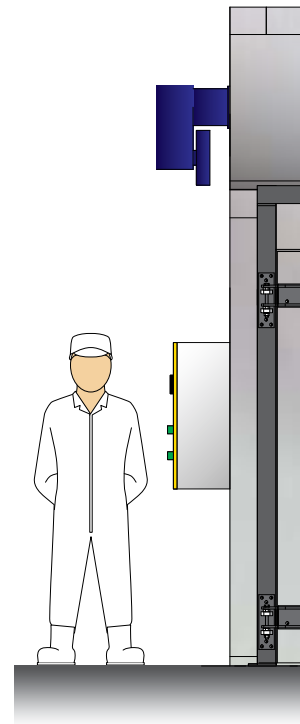
RDM Ovens. Manufactured for over 40 years.

Walk in Box Oven Range

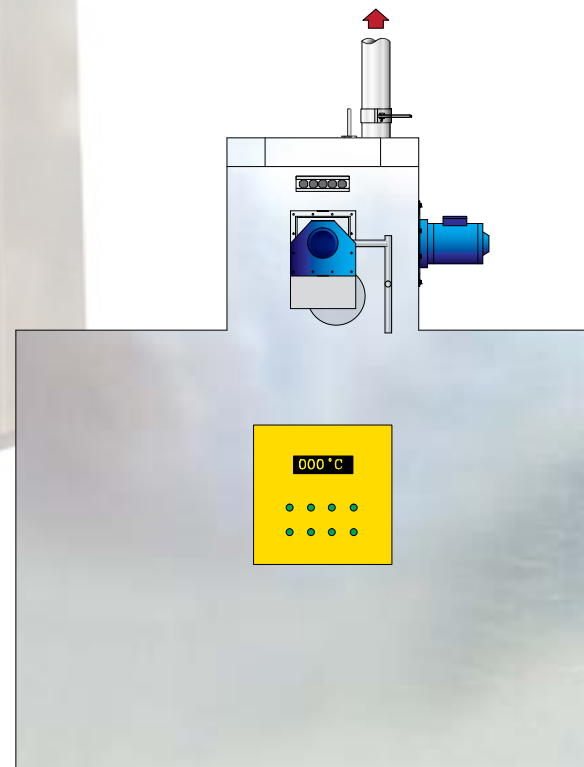
Ovens are available 'stand mounted' or 'floor mounted'

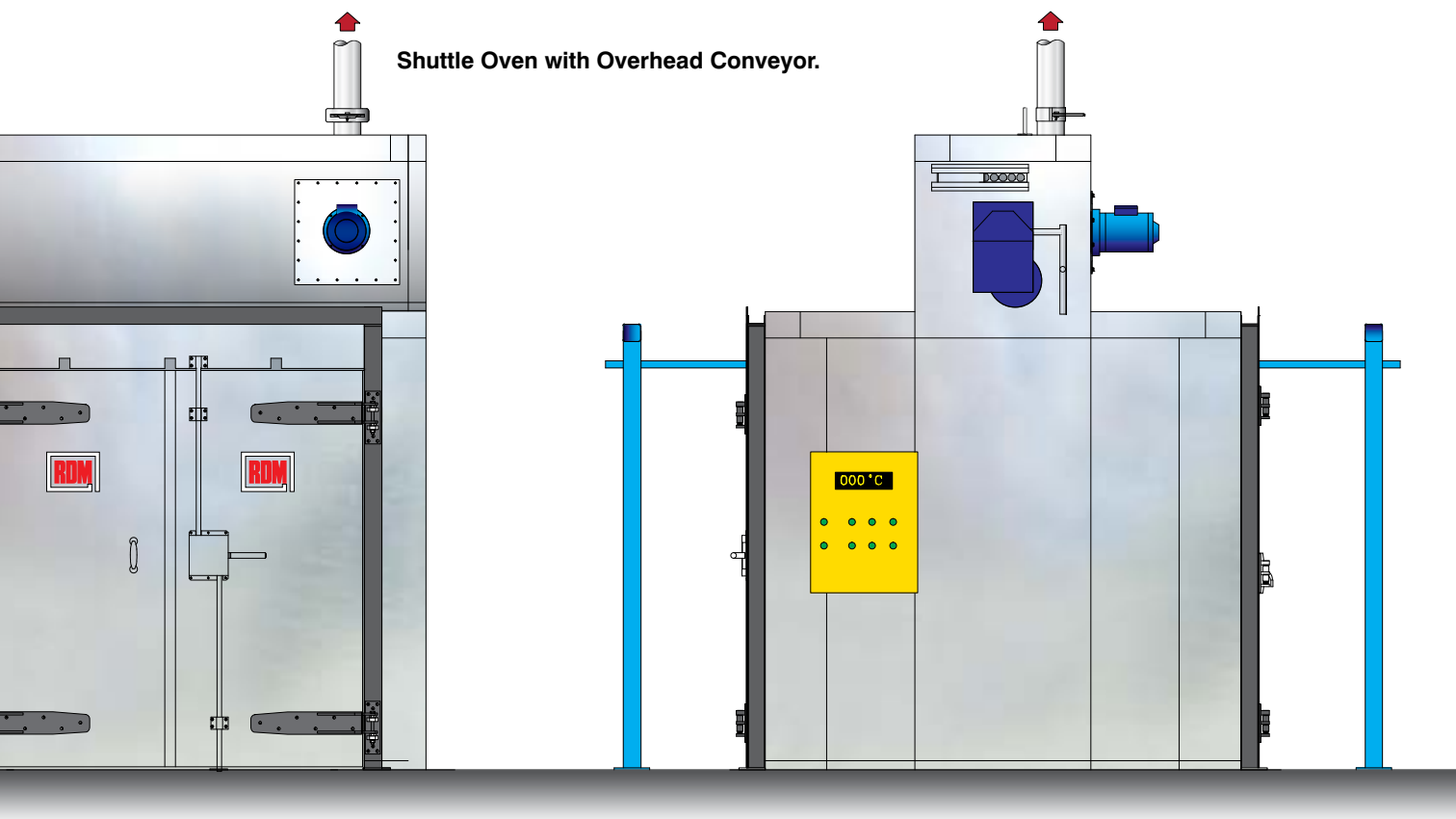
These Box Ovens are shipped in modular form and are optionally assembled, wired and tested on site.

All RDM Ovens include a pressurised solvent and fumes exhaust system and our triple safety system as standard.



Standard Walk in Box Oven.





Standard Temperature Range up to 250° C. We offer versions up to 500° C. Price on application.
We offer STANDARD Heights of 2.2, 2.4, 2.6 or 2.8 metres in this Oven range. Please ASK.

Additional Rear Doors, Insulated Floor and Special Features are available on request.

Model	Internal Height	Internal Depth	Internal Width	Price £		Powered Door £
	Metres	Metres	Metres	Gas Heated	Electric Heated	Pneumatic
Mars 1	2.00	1.00	1.00	£14,890.00	£15,860.00	£2,150.00
Mars 2	2.00	1.50	1.50	£15,760.00	£16,890.00	£2,230.00
Mars 3	2.00	1.80	1.50	£15,990.00	£16,999.00	£2,590.00
Mars 4	2.00	2.00	1.50	£16,440.00	£17,550.00	£2,590.00
Mars 5	2.00	2.00	2.00	£18,780.00	£19,430.00	£2,890.00
Mars 8	2.00	3.00	2.50	£19,550.00	£19,999.00	£2,990.00
Mars 10	2.00	4.00	3.00	£25,450.00	£26,690.00	£3,450.00

Remember! RDM build Ovens of ANY size to suit your specific requirements.

Standard Option List (We also offer a range of specialist controls, programmers and recorders.)

Digital fully automatic process timer, offers full shut off at end of process: £190.00

24 Hour/7 day start/stop clock: £220.00

Eurotherm Nanodac 4 channel paperless data logger and system programmer. £2,650.00

Cruzeburn digital temperature modulation for gas burners offers precision temperature control: £1,980.00

All ovens are available with air ram powered pneumatic lift doors with dual anti-drop safety system

Site delivery and Install is extra cost.

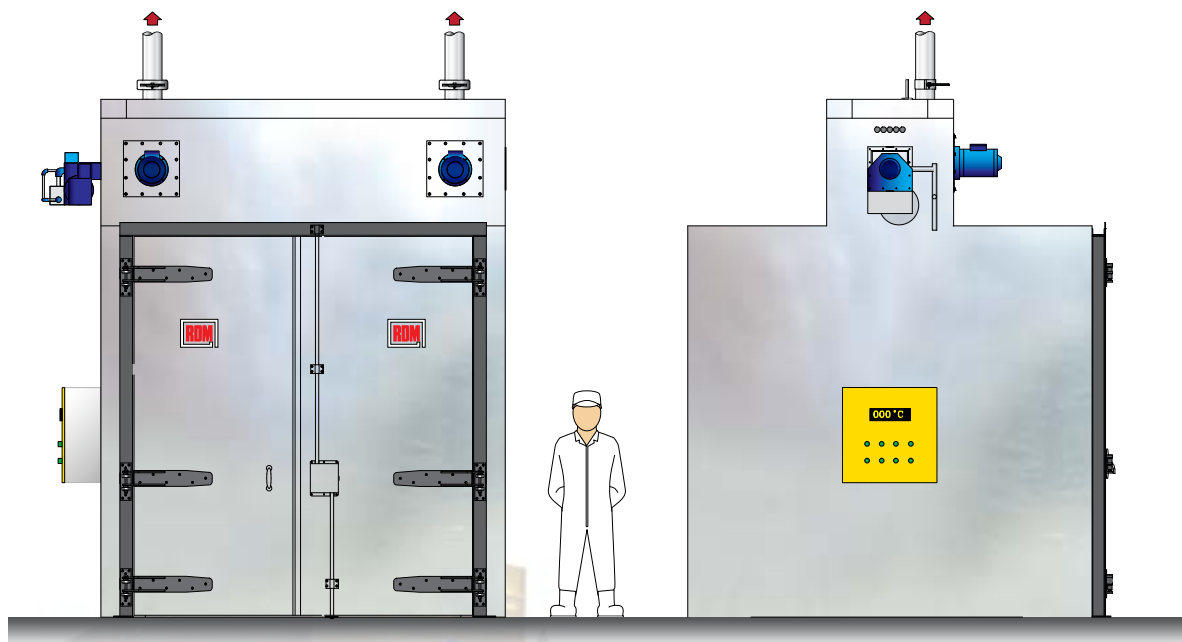
Warranty is comprehensive 12 month

VAT is charged extra to UK Customers.

Extra Tall Box Oven Range

These Box Ovens are shipped in modular form and are optionally assembled, wired and tested on site.
All RDM Ovens include a pressurised solvent and fumes exhaust system and our triple safety system as standard.

Extra Height Box Oven.



Standard Temperature Range up to 250° C. We offer versions up to 500° C. Price on application.
We offer STANDARD Heights of 3.2, 3.4, 3.6 or 3.8 metres in this Oven range. Please ASK.

Additional Rear Doors, Insulated Floor and Special Features are available on request.

Model	Internal Height	Internal Depth	Internal Width	Price £		Powered Door £
	Metres	Metres	Metres	Gas Heated	Electric Heated	Pneumatic
Saturn 1	3.00	2.00	2.00	£21,998.00	£22,885.00	£2,950.00
Saturn 3	3.00	3.00	3.00	£28,900.00	£29,980.00	£3,250.00
Saturn 4	3.00	4.00	3.00	£29,778.00	£30,850.00	£3,250.00
Saturn 7	3.00	5.00	4.00	£43,556.00	£45,889.00	£4,250.00
Saturn 9	3.00	6.00	4.00	£45,889.00	£47,221.00	£4,250.00
Saturn 10	3.00	8.00	4.00	£51,997.00	£53,124.00	£4,250.00
Saturn 12	3.00	10.00	4.50	£62,889.00	£64,750.00	£4,990.00

Remember! RDM build Ovens of ANY size to suit your specific requirements.

Standard Option List (We also offer a range of specialist controls, programmers and recorders.)

Digital fully automatic process timer, offers full shut off at end of process: £190.00

24 Hour/7 day start/stop clock: £220.00

Eurotherm Nanodac 4 channel paperless data logger and system programmer. £2,650.00

Cruzeburn digital temperature modulation for gas burners offers precision temperature control: £1,980.00

All ovens are available with air ram powered lift doors with twin safety check system.

Installation and Delivery is extra, quotation on request.

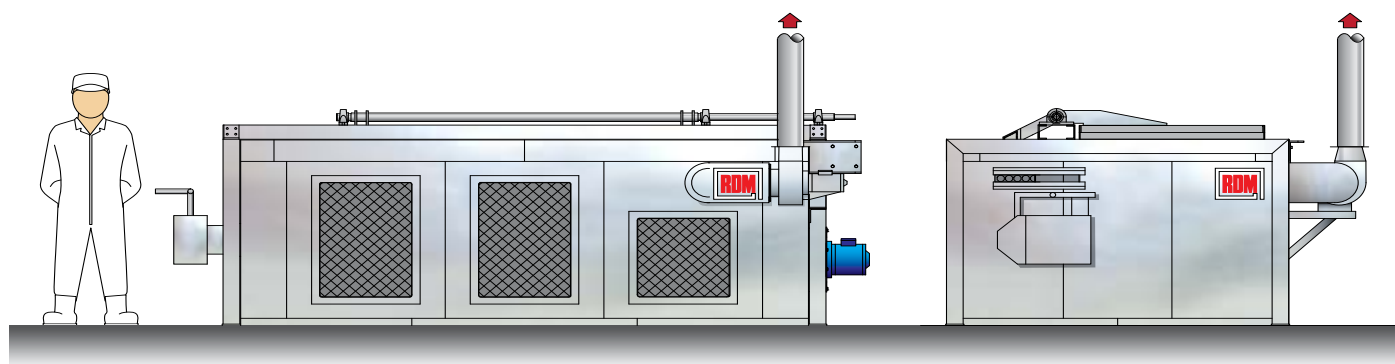
Warranty is comprehensive 12 month

VAT is charged extra to UK Customers.

Top Loading Oven Range

These Box Ovens are shipped in modular form and are optionally assembled, wired and tested on site. Well Ovens are typically used for drying applications in a dip tank system. All our Well Ovens incorporated top mounted doors with air ram power opening and our twin safety check system. All RDM Ovens include a pressurised solvent and fumes exhaust system and our triple safety system as standard.

Top Loading Oven.



Standard Temperature Range up to 250° C. We offer versions up to 500° C. Price on application.

Model	Internal Height	Internal Length	Internal Width	Price £	Price £
	Metres	Metres	Metres	Gas Heated	Electric Heated
Casket 1	1.00	1.00	1.00	£13,990.00	£14,550.00
Casket 3	1.00	2.00	1.50	£15,998.00	£16,750.00
Casket 5	2.00	2.00	2.00	£18,990.00	£19,870.00
Casket 7	2.00	3.00	2.00	£19,970.00	£20,990.00
Casket 9	2.00	3.00	3.00	£24,998.00	£25,997.00
Casket 11	2.00	4.00	2.00	£23,887.00	£24,996.00

Remember! RDM build Ovens of ANY size to suit your specific requirements.

Standard Option List (We also offer a range of specialist controls, programmers and recorders.)

Digital fully automatic process timer, offers full shut off at end of process: £190.00

24 Hour/7 day start/stop clock: £220.00

Eurotherm Nanodac 4 channel paperless data logger and system programmer.

Cruzeburn digital temperature modulation for gas burners offers precision temperature control: £1980.00

All ovens are available with air ram powered lift doors with twin safety check system.

Installation and Delivery is extra, please ask for a quotation.

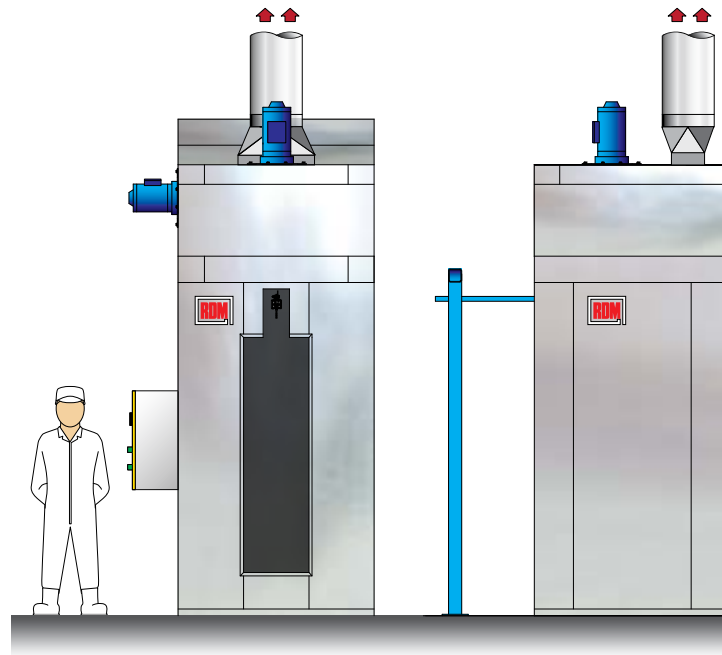
Warranty is comprehensive 12 month

VAT is charged extra to UK Customers.

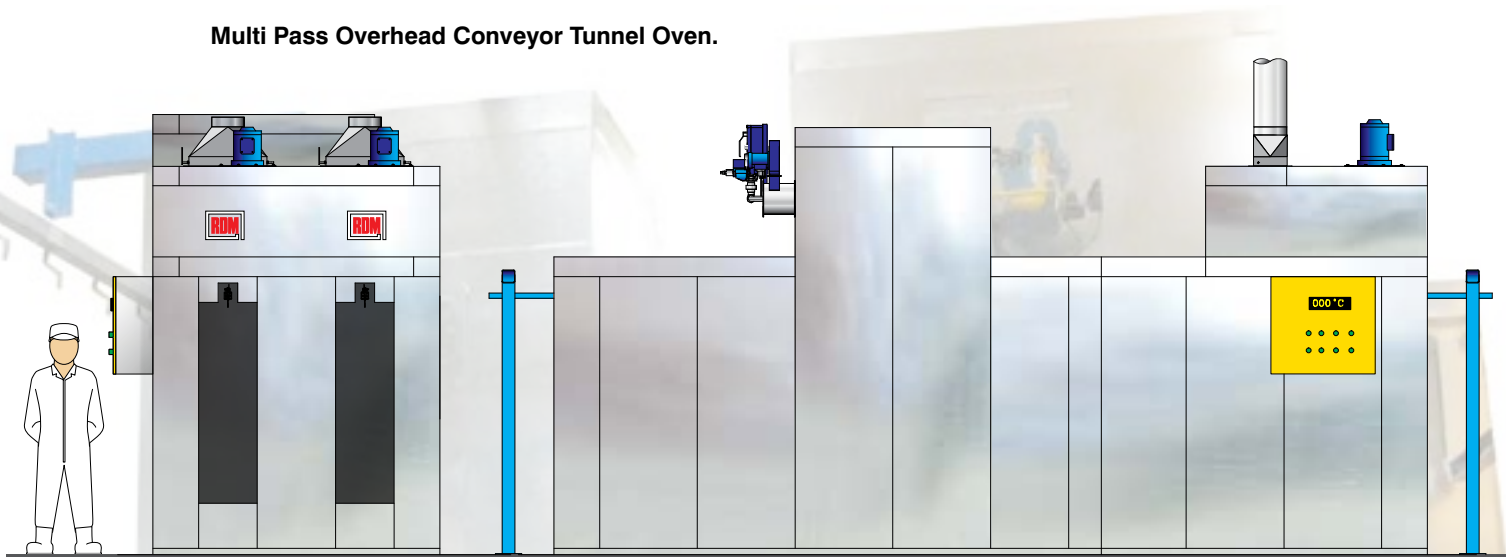
RDM Ovens. Manufactured for over 40 years.

Overhead Conveyor Ovens For High Speed Production

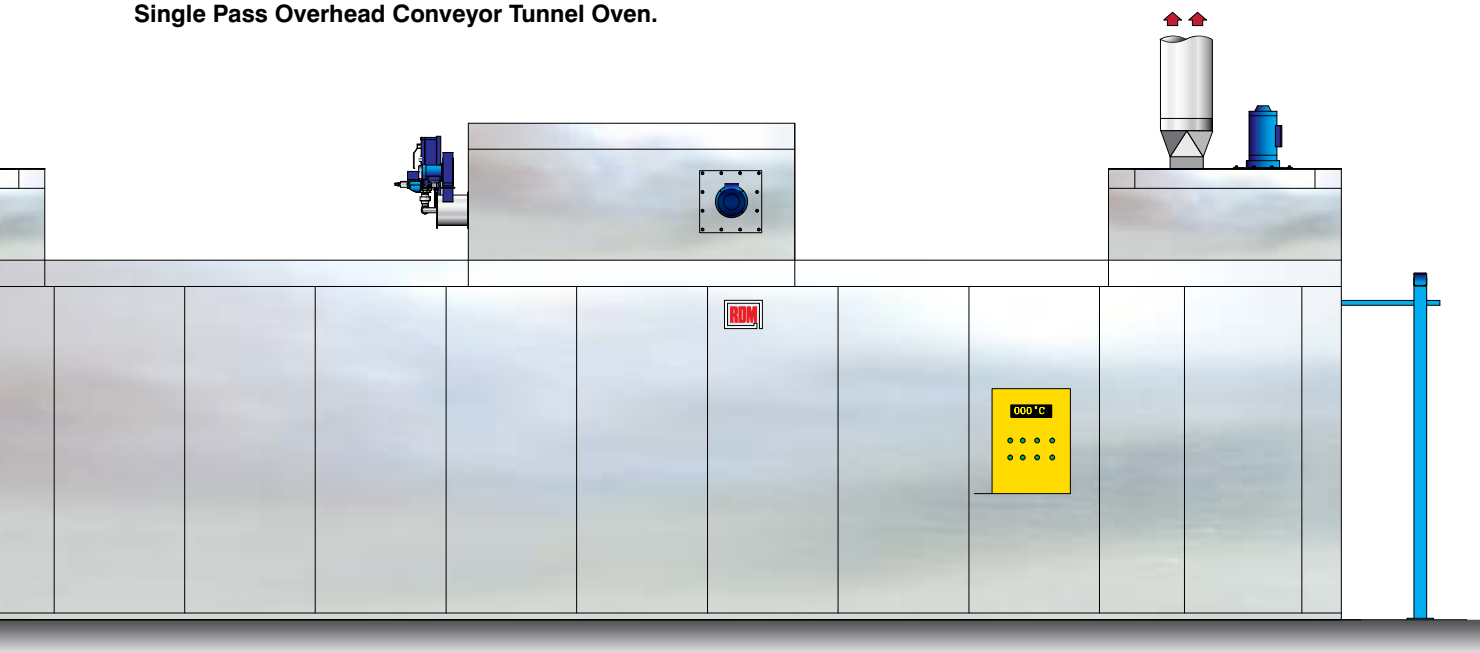
These Tunnel Ovens are shipped in modular form and are assembled, wired and tested on site.
A conveyor is added to allow the parts to flow through the Oven. THE CONVEYOR IS PRICED SEPARATELY depending on the required product weight.
A full RDM Airsurround™ Air Seal is optionally fitted to the apertures to minimise heat losses.
All RDM Ovens include a pressurised solvent and fumes exhaust system and our triple safety system as standard.



Multi Pass Overhead Conveyor Tunnel Oven.



Single Pass Overhead Conveyor Tunnel Oven.



Standard Temperature Range up to 250° C. We offer versions up to 350° C. Price on application.

Ovens are supplied with Full Airsurround Airseals as standard. **PRICE EXCLUDES THE CONVEYOR !**

Sizes are a GUIDE ONLY ! Ovens are built to Customer size requirements. Many Options available.

Model	Internal Height	Internal Length	Internal Width	Price £	Price £
	Metres	Metres	Metres	Gas Heated	Electric Heated
Centaur 2	2.40	6.00	1.00	£29,887.00	POA
Centaur 4	2.40	12.00	1.50	£42,112.00	POA
Centaur 6	2.40	5.00	3.00	£36,221.00	POA
Centaur 8	2.40	8.00	4.00	£48,554.00	POA
Centaur 10	2.40	12.00	4.00	£52,445.00	POA
Centaur 12	2.40	14.00	1.50	£45,112.00	POA

Remember! RDM build Ovens of ANY size to suit your specific requirements.

Standard Option List (We also offer a range of specialist controls, programmers and recorders.)

24 Hour/7 day start/stop clock: £220.00

Eurotherm Nanodac 4 channel paperless data logger and system programmer. £2,650.00

Cruzeburn digital temperature modulation for gas burners offers precision temperature control: £2,150.00

Installation and Delivery is extra please ask for a quotation.

Warranty is comprehensive 12 month.

VAT is charged extra to UK Customers.

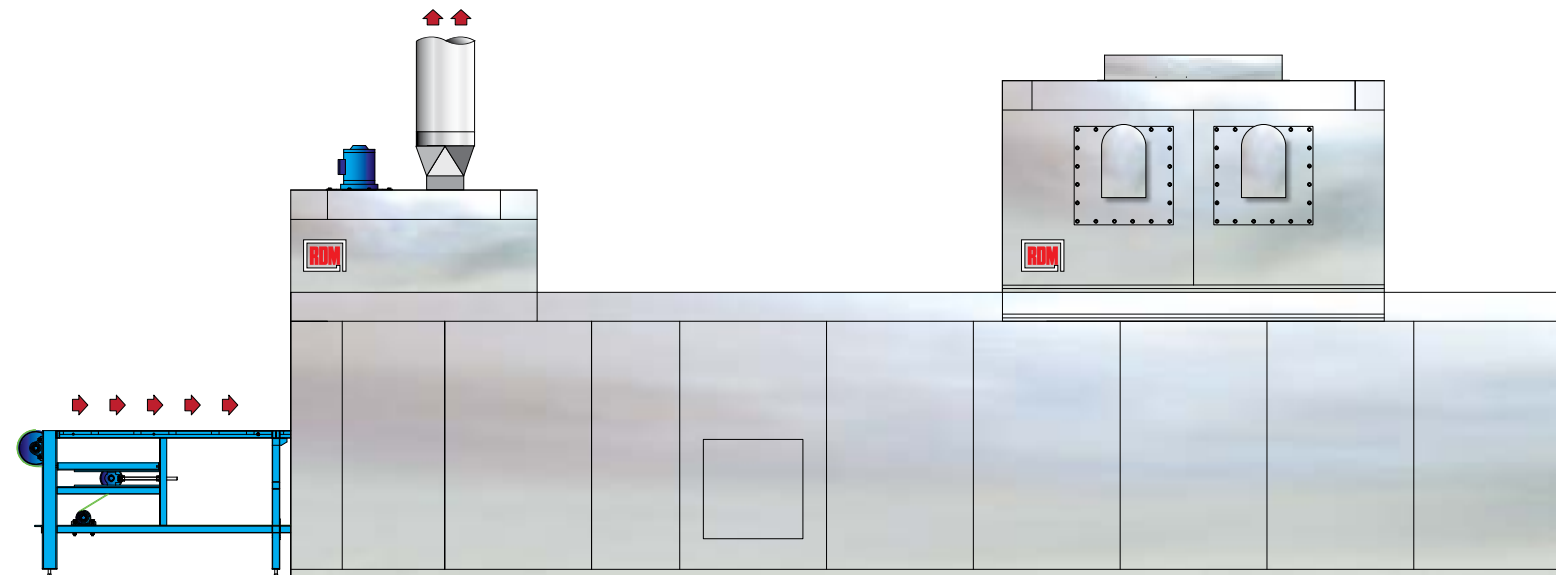
These Tunnel Ovens are shipped in modular form and are assembled, wired and tested on site.

A conveyor is added to allow the parts to flow through the Oven. **THE CONVEYOR IS PRICED SEPARATELY** depending on the required product weight.

A full RDM Airsurround™ Air Seal is fitted to the apertures to minimise heat losses, this depends on temperature and aperture height.

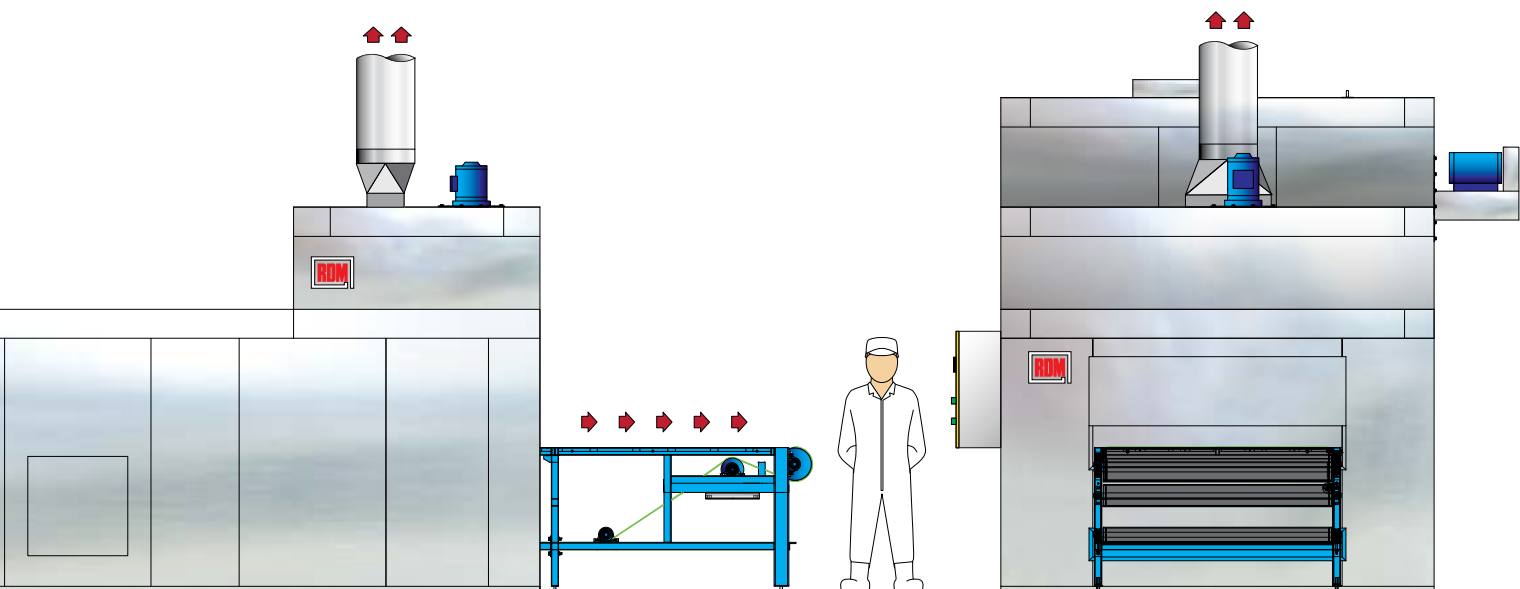
All RDM Ovens include a pressurised solvent and fumes exhaust system and our triple safety system as standard.

Oven with Belt Conveyor.



Standard Temperature Range up to 220° C. We offer versions up to 350° C. Price on application.





Model	Internal Height	Internal Length	Internal Width	Price £	
	Metres	Metres	Metres	Gas Heated	Electric Heated
Kronos 2	1.00	6.00	1.00	£25,887.00	POA
Kronos 4	1.00	6.00	2.00	£27,889.00	POA
Kronos 6	1.00	10.00	1.50	£32,554.00	POA
Kronos 8	1.50	12.00	1.50	£35,774.00	POA
Kronos 10	1.50	16.00	1.50	£39,445.00	POA
Kronos 12	1.50	18.00	1.50	£45,554.00	POA

Remember! RDM build Ovens of ANY size to suit your specific requirements.

Standard Option List (We also offer a range of specialist controls, programmers and recorders.)

24 Hour/7 day start/stop clock: £220.00

Eurotherm Nanodac 4 channel paperless data logger and system programmer.

Cruzeburn digital temperature modulation for gas burners offers precision temperature control: £poa

Installation and Delivery is extra, please ask for a quotation.

Warranty is comprehensive 12 month.

VAT is charged extra to UK Customers.

RDM Ovens. Standard Specifications

All modular Oven panels are manufactured from double-skinned galvanised steel, with high density mineral-wool insulation fill for the highest thermal performance. The standard thickness is 100mm. For high temperature Ovens thickness of 150mm or 200mm are specified along with stainless steel or Aludip inner panels. Special panel design ensures minimal heat transfer.

The Oven incorporates an adequate area of roof and / or wall area comprising special relief panel-work which is specifically designed to disintegrate harmlessly and vent should an explosion occur within the oven.

Oven doors are of double-skinned steel construction with mineral wool filling. They sit within a deep external steel frame to prevent heat escape. The doors incorporate very robust cast hinges with bearings and a locking bar mechanism with external and internal safety handles.

Ovens with powered lift doors incorporate oversized pneumatic rams with fall arresting check valve or powered hoist with recoil arrestor and all such Ovens have emergency escape doors.

Heating is via integrated fully-insulated heater boxes. The fully insulated heater box prevents radiated heat from being projected into the oven or factory areas.

On Gas Ovens, the Burner unit is built to the most stringent Gas Safety Standards and incorporates a full Gas train with automatic electronic ignition, Air Pressure safety switch, Gas pressure detector, diaphragm output regulator and electronic flame failure safety device.

On electric Ovens, a multi element heater pack incorporating element temperature safety sensing is included.

The heater packs are designed for simple maintenance and simple removal.

An independent auxiliary temperature controller is fitted to all RDM ovens and is set as over-temperature safety cut-out.

A powerful, fully-adjustable, fan-pressurised, fume exhaust and solvent evaporation system is supplied as standard.

All RDM ovens are designed and built to ISO 9001 and carry the CE Mark. RDM can provide a full installation and commissioning service.

RDM will be pleased to service and maintain your oven on a regular basis.

Where companies prefer to carry out their own work, it is important to note that regular oven servicing is vital, especially on matters of safety and on the question of product quality if the oven is being used to cure wet paint or powder coated items.



Established 1951

RDM Engineering

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