

# Spooner Industries



**SPOONER**

# We Are Established



- Established 1932
- 4,500m<sup>2</sup> manufacturing space
- In-house R&D and customer trial facility
- Five distinct divisions (Food, Converting, Paper, Metal & Environment)
- Dedicated aftercare offer a range of services designed to support and maintain the smooth running of your manufacturing process.
- Supporting manufacturers to hit their Net Zero targets
- ISO 9001 quality accredited

# Explore Spooner Industries



World-famous industrial food production line equipment.



Specialist air pollution abatement & heat recovery systems.



Experts in the drying, curing & cooling of metal strip.



Superior non-contact drying, curing & cooling of webs.



High performance drying & web handling equipment.

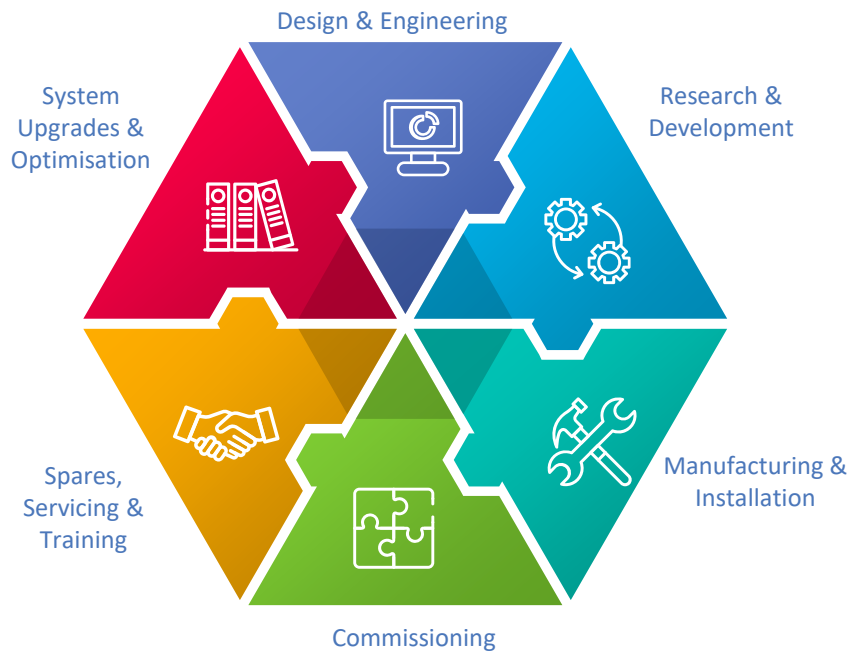


From spares to maintenance, servicing, refurbishments & training.

Answering the challenges of tomorrow... **SPOONER**



# Our Capabilities



## Spooner Products

Ovens

Dryers

Coolers

Curers

Air Turns

Oxidisers

Proofers

Solvent Recovery

Heat & Energy  
Recovery

## Markets We Serve

Printing

Metals

Paper

Converting

Food

Pharmaceuticals

Technical Textiles

Automotive

Chemical

Oil & Gas

*With decades of knowledge and experience  
we design, manufacture and install  
equipment globally offering a tailored  
solution that supports decarbonisation.*



**SPOONER**

# Sustainable & Future Ready

**We constantly strive to develop equipment that answers the needs of our customers today and is future-ready for the challenges of tomorrow.**

## ➤ **Dual Fuel Options**

Dual fuelled from new or can be retro-fitted later

## ➤ **Heat & Energy Recovery Equipment**

Reduce consumption & operating costs

## ➤ **Regenerative Thermal Oxidisers**

Recover >97% of available energy with 99.5+% emissions limits guaranteed

## ➤ **The latest energy saving components**

Spooner airflow & thermal technology has enabled Spooner to be the world's leading experts in the supply of Industrial Process Equipment



Electric



Gas



Dual Fuel



Oil



Hydrogen



**SPOONER**



## The ultimate in baking control since 1932

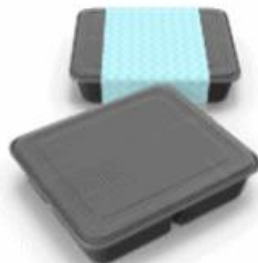
Our ovens are world-famous for being the best at baking bread. Often referred to as a 'Spoooner' our ovens are sought after by bakeries worldwide because of the quality and efficiency they offer.



## More than just bread ovens

Spooner's food range includes provers, ovens, coolers as well as heat recovery systems supporting manufacturers of:

- ✓ Breads
- ✓ Cakes
- ✓ Pies
- ✓ Pastries
- ✓ Pizzas
- ✓ Cereals
- ✓ Ready meals
- ✓ Noodles
- ✓ Pet foods





# Food: Our Equipment

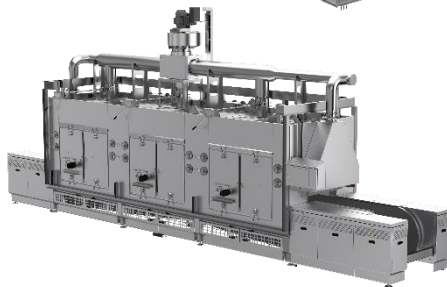
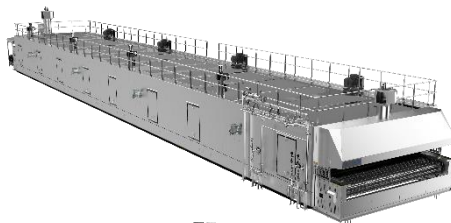


## Spooner Proving Systems



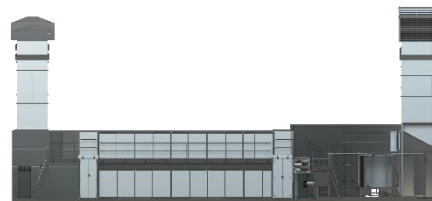
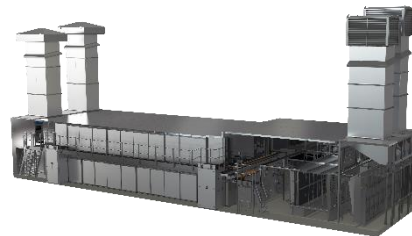
Spooner offer swing tray, tunnel & static industrial provers all utilising Spooner Technology.

## Spooner Oven Systems



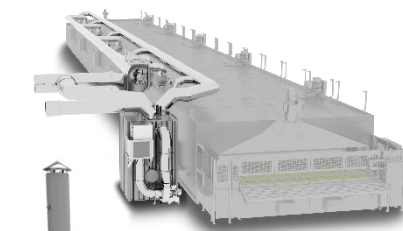
Spooner offers a range of industrial bakery oven types, including Forced Convection, Direct Gas Fired, Electric, Hydrogen, Dual Fuel & Industrial Test Ovens, all offering exceptional control & energy efficiency.

## Spooner Cooler Systems



Spooner industrial bakery coolers are easy to use, control & can provide the desired core temperature to cool products without the loss of quality.

## Spooner Heat Recovery Systems



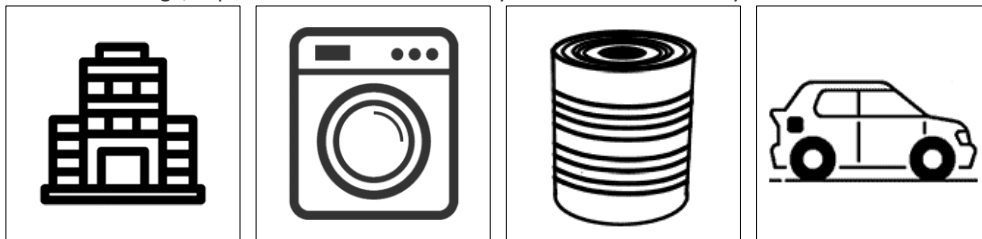
Spooner heat recovery systems improves your efficiency & reduces your costs by re-using previously heated exhaust air.



## The ultimate in drying control since 1932

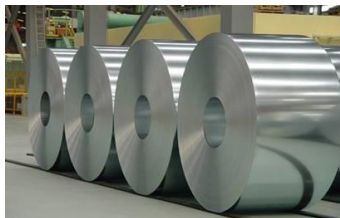
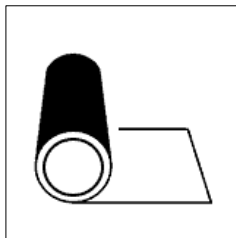
Spooner ovens and dryers are widely used across the metal processing industry because of their superior strip handling and high performance.

Our knowledge, experience and natural curiosity are the reason so many customers come to us to help them solve production line problems.



### End Products

- Automotive
- Beverage cans
- Food packaging
- Silicone / electric steel
- Speciality products
- Building & construction products
- Electrical goods & domestic appliances



### Process Lines

- Foil coating lines
- Lithographic lines
- Passivation lines
- Stainless steel anneal & pickle lines
- Continuous annealing / CASH lines for aluminium



## Metal Strip Processing Specialists

Spooner metal provides drying, curing, cooling and non-contact handling solutions across processes including:

- ✓ Pre-paint / Coil Coating
- ✓ Continuous Metallic Coating Lines
- ✓ Canstock Lines
- ✓ Combination Continuous Metallic Coating & Pre-paint Lines
- ✓ Continuous Hot Dip Galvanising Line Speciality Coolers





# Metal: Our Equipment

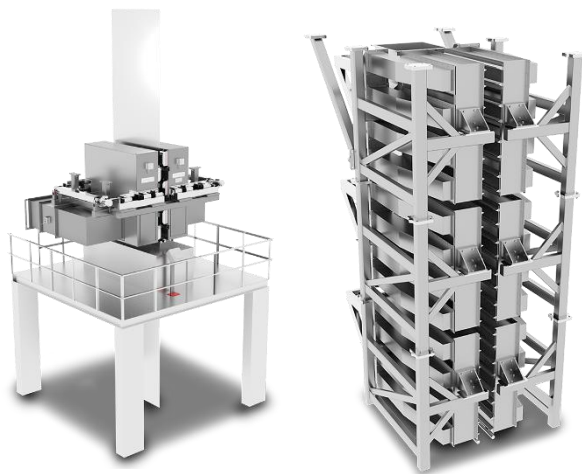


## Spooner Metal Strip Processing Dryers & Ovens



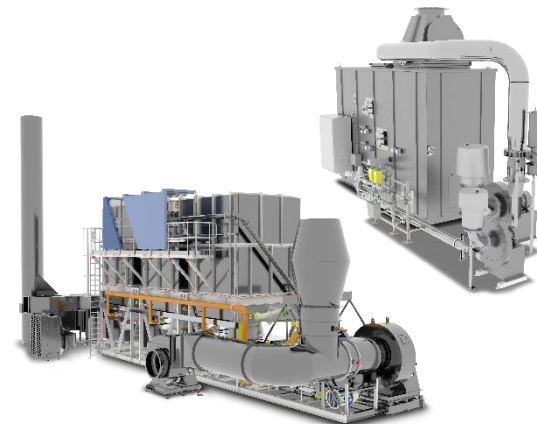
Spooner offers a range of Impingement, Flotation and Catenary dryers and ovens all offering exceptional control and energy efficiency for a variety of applications.

## Spooner Metal Strip Processing Air Coolers



Spooner's extensive process and technical knowledge provides a range of equipment for metal strip processing lines, including Metallic Coating Line Air Coolers, StabilizAIR and all purpose Metal Strip Air Coolers.

## Pollution Abatement Solutions



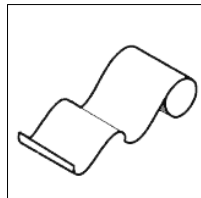
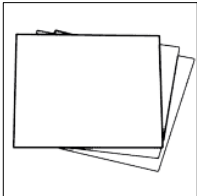
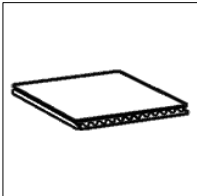
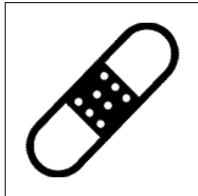
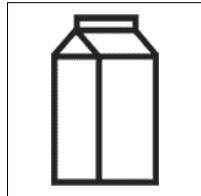
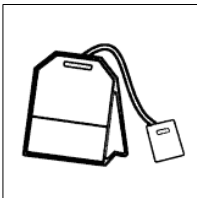
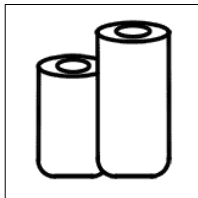
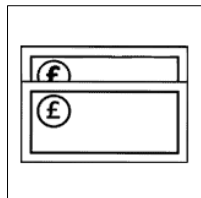
Spooner can offer integrated oven, abatement and heat recovery solutions across the metal coatings industry, with optimised overall energy efficiency and performance.

# Paper



## The art of making good paper lies in the ability to fully control the process

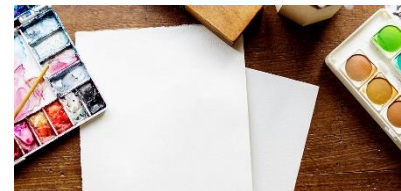
We apply our forced convection technology to deliver superior web handling, high performance drying and energy efficiency that vastly improves product quality for our customers.



## We support the paper industry through our knowledge and experience

Spooner technology provides complete control over papermaking processes.

- ✓ Banknote / security paper
- ✓ Barrier coated paper / board
- ✓ Filter paper
- ✓ Graphical paper
- ✓ Non-wovens
- ✓ Packaging grades
- ✓ Specialty paper
- ✓ Thermally sensitive papers
- ✓ Liquid and general packaging board



**SPOONER**

# Paper: Our Equipment



## Industrial Paper Ovens & Dryers



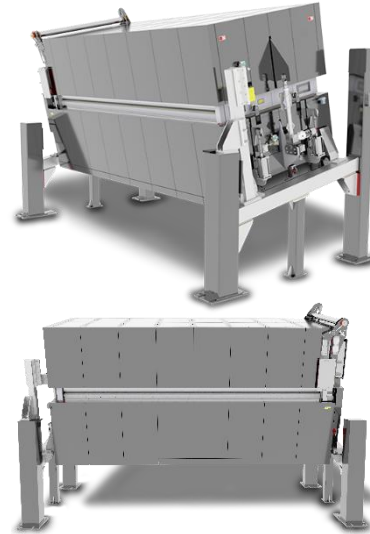
Spooner offers a range of Air Flotation and Air Impingement ovens and dryers, as well as Through Air Dryers (TAD) that offer exceptional control and energy efficiency.

## Industrial Air Turn Systems



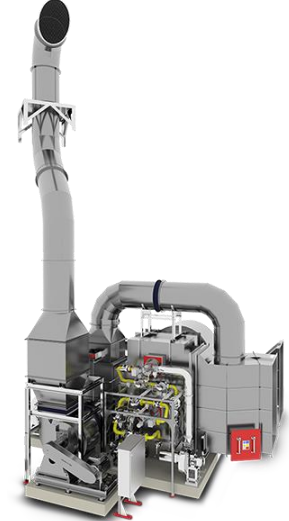
A Spooner Air Turn offers stable, vibration and wrinkle free operation. Designed to individual requirements Spooner offer a range of radii and turning angles.

## Industrial Web Cooler Systems



Spooner's range of web coolers fitted with flotation and impingement nozzles deliver high performance, non-contact cooling with superior web handling.

## Spooner Heat Recovery Systems



Spooner heat recovery systems improves your efficiency and reduces your costs by re-using previously heated exhaust air.

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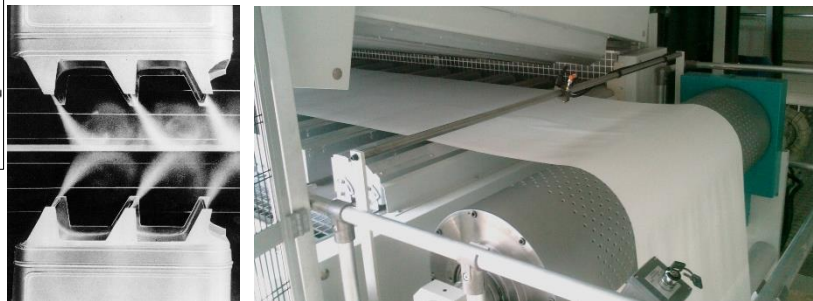
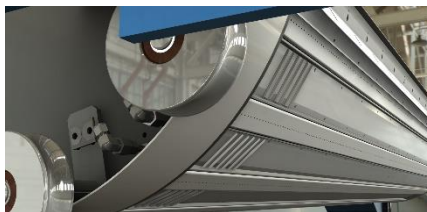
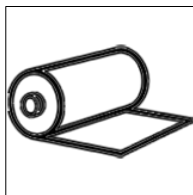
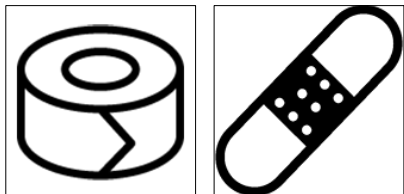
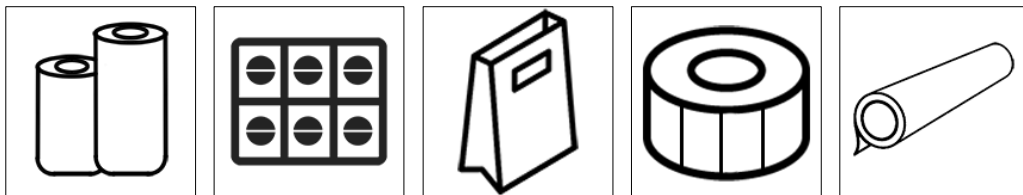


# Converting



## Specialists in forced convection, non-contact web handling equipment

Our converting division provides drying, curing, cooling and non-contact web handling solutions across a diverse range of processes in this varied sector.



## Spooner equipment is known for its excellent handling of any web product

Experts in the precise control of air movement and heat transfer our equipment is tailor engineered to our customer exact requirements in many processes.

- ✓ Barrier coating
- ✓ Flexible packaging
- ✓ Medical products
- ✓ Special applications
- ✓ Technical textiles
- ✓ Clean room applications
- ✓ Pressure sensitive adhesives
- ✓ Release liner - silicone curing
- ✓ Thermal stabilisation of PET films

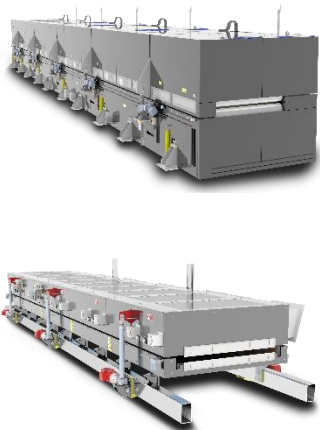


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# Converting: Our Equipment



## Dryers & Ovens



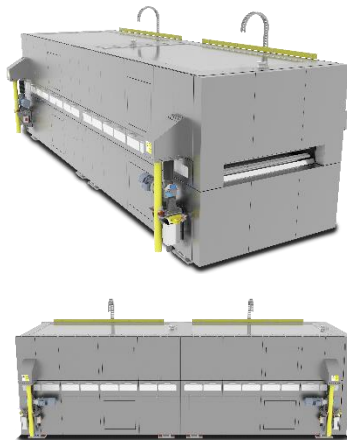
Spooner offers a range of Air Flotation and Air Impingement ovens and dryers, as well as Through Air Dryers (TAD) that offer exceptional control and energy efficiency.

## Air Turn Solutions



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## Web Cooler



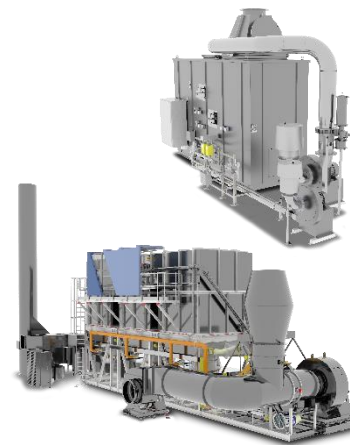
Spooner's range of web coolers fitted with flotation and impingement nozzles deliver high performance, non-contact cooling with superior web handling.

## Heat Recovery Systems



Spooner heat recovery systems improves your efficiency and reduces your costs by re-using previously heated exhaust air.

## Air Pollution Abatement



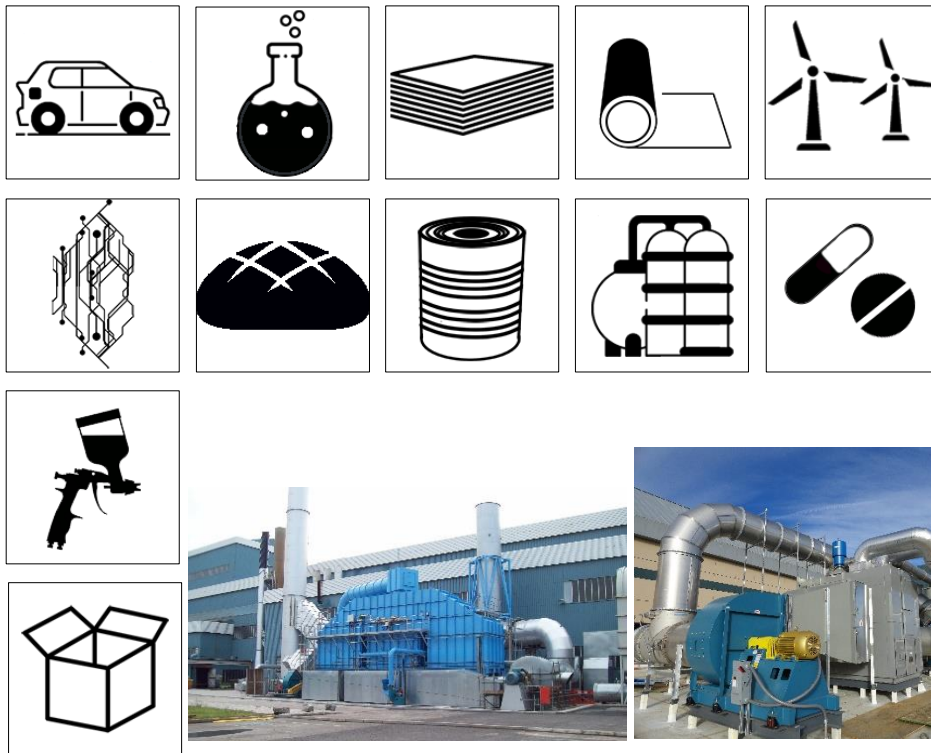
Spooner can offer integrated oven, abatement and heat recovery solutions across the metal coatings industry, with optimised overall energy efficiency and performance.

# Environment



## Cleaner air, lower running costs

Spooner can offer air pollution solutions to successfully eliminate emissions and improve efficiency.



## More than just cleaner air

Spooner work with you to ensure cleaner air, better performance and optimum energy efficiency in multiple industries.

- ✓ Automotive manufacturing
- ✓ Chemical processing
- ✓ Coating and converting
- ✓ Coil Coating Lines
- ✓ Composites and Carbon fibre
- ✓ Electronics and Semiconductors
- ✓ Baking, Food and Drink
- ✓ Metals Packaging
- ✓ Oil, Gas and Renewables
- ✓ Paint and Painted products
- ✓ Pharmaceutical production
- ✓ Printing and Packaging



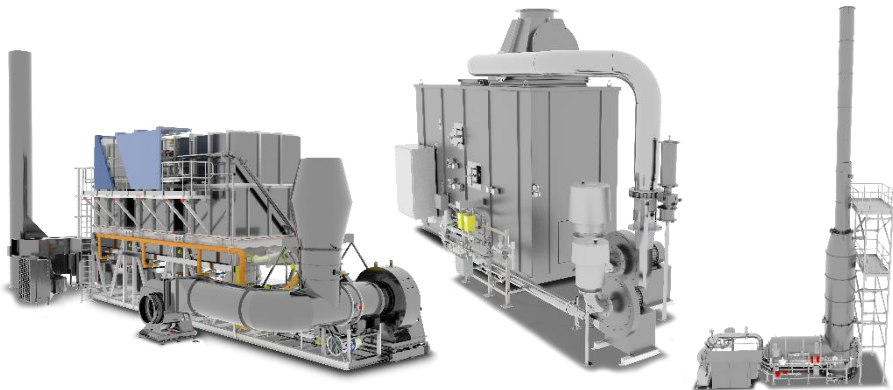
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# Environment: Our Equipment



## Spooner Oxidisers

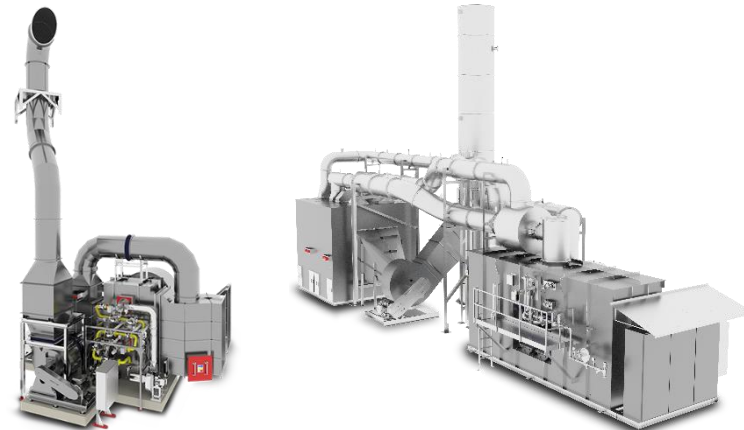


Spooner's oxidiser equipment can significantly reduce running costs and are commonly employed for industrial air pollution control.

The range includes:

- Regenerative Thermal Oxidisers
- Direct-Fired Thermal Oxidisers
- Thermal Recuperative Oxidisers
- Catalytic Recuperative Oxidisers
- Emissions Concentrator

## Heat & Energy Recovery Systems



Spooner design, supply and install energy recovery systems that decrease your energy consumption, reduce operating costs, maximise return on investment and support a sustainable process.



## Essential aftercare from SpoonerPlus

Maximise the performance of your processing equipment, increase its lifespan and support your operating teams with SpoonerPlus Aftercare Support.

SpoonerPlus offers outstanding aftercare support the world over for Spooner and selected non-Spooner industrial process equipment.



Servicing and  
Support



Spare  
Parts



Training  
Services



Contact  
Support



Equipment  
Refurbishments



Equipment  
Optimisation

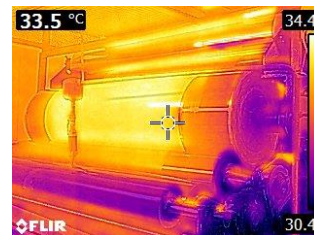


Equipment  
Inspections



Equipment  
Modifications

We offer a range of services designed to support and maintain the smooth running of your manufacturing process.



*Refurbishment of a prover at  
a UK bakery*

Answering the challenges of tomorrow...



## Spooner Industries

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