

Bosch Thermotechnology Ltd.

Cotswold Way,
Warndon,
Worcester WR4 9SW
Tel 01905 754624
Fax: 01905 754619

www.bosch-thermotechnology.co.uk

This brochure has been printed on environmentally sustainable paper and produced at a size that makes good economical use of standard paper sizes.

Part No. 8 716 115 259 A 03/08



Mixed Sources
Product group from well-managed
forests and other controlled sources
Cert no. SGS-COC-003148
www.fsc.org
© 1996 Forest Stewardship Council

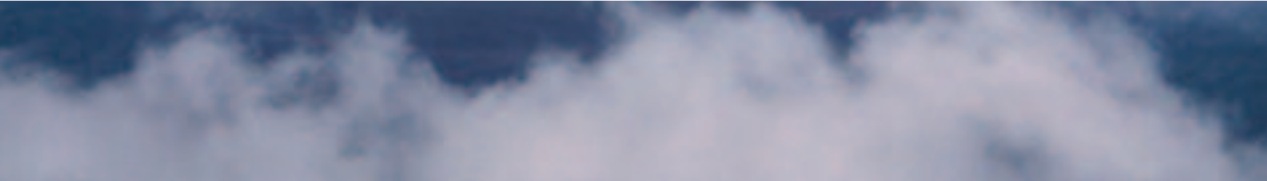


Bosch Thermotechnology Ltd.

Environmental Commitment



BOSCH
Invented for life





Buderus

Bosch Thermotechnology Ltd. strive to operate in an environmentally friendly and globally responsible way. Our products help to reduce energy consumption and CO₂ emissions, and so it follows that the processes used to produce and distribute them should also be as energy efficient as possible.

As part of its commitment to the environment and as a socially responsible company, Bosch Thermotechnology Ltd. is placing increased focus on reducing its carbon footprint at every stage of product manufacturing and throughout the supply chain.



The Carbon Trust is a private company set up by the Government in response to the threat of climate change, to accelerate the UK's move to a low carbon economy

From raw materials supply and distribution through to product recycling, and at every point in between, the whole life cycle of the product will be analysed and the whole process independently audited by the Carbon Trust.

Carbon reductions will come through working at every level with our suppliers and our employees to identify areas for immediate improvement. This, supported by our work with the community to enhance our local environment, will help to increase awareness of energy saving measures and reduce fuel consumption.



Bosch Thermotechnology Ltd. Environmental Policy

- ▶ Assess, control and where possible reduce the impact or potential impact of our activities on the local and general environment, in co-operation with the appropriate public authorities.
- ▶ Continually improve our environmental performance.
- ▶ Set achievable objectives and targets, inform our employees of these and make them available to interested parties upon request.
- ▶ Reduce our consumption of resources (materials, fuel and energy) and our production of waste and emissions.
- ▶ Ensure unavoidable waste is where possible re-used, re-cycled or disposed of in an environmentally responsible manner.
- ▶ Ensure we comply with, and exceed where practicable, all relevant environmental legislation.
- ▶ Operate an Environmental Management System, which meets the requirements of BS EN ISO 14001.
- ▶ Ensure that our management systems are able to detect and where possible prevent pollution through accidental emissions or discharges.
- ▶ Maintain systems, including regular audits to detect deviations from stated policy, objectives or targets and to ensure a response with the appropriate corrective action.
- ▶ Reduce the environmental effects of material sourcing by assessing the environmental performance of our suppliers.
- ▶ Ensure that all employees and sub-contractors working on site act in accordance with this Policy and our Environmental Management System.
- ▶ Promote environmental awareness to our employees and customers in relation to our business and products.

The effects of CO₂ on the environment – **Why do we need to reduce it?**

There is a growing consensus that climate change, also known as global warming, is becoming the greatest threat to our environment. It is caused by increasing levels of greenhouse gases, which trap the Sun's energy within the atmosphere.

Greenhouse gases include carbon dioxide which is produced every time we use energy from fossil fuels – oil, coal and natural gas. With businesses producing almost half of the UK's carbon emissions – their impact is huge.

It is estimated that the heating industry alone is responsible for over 110 million tonnes of CO₂ emissions every year. We have a social responsibility to set a standard in our industry for the reduction in emissions across the whole supply chain for every single unit we produce along its full life cycle.

The increase in our planet's temperature has already caused seas to rise, making floods more frequent and severe. And as the temperature gets hotter, it's predicted that we'll see more extreme weather – with wetter winters and drier summers.



Understanding what contributes towards our carbon footprint... **leads to action**



The responsible approach of Bosch Thermotechnology Ltd. to an Environmental Strategy is to follow waste elimination principles that lie at the heart of our manufacturing success.

Throughout our business, our employees map the the product related process, visualise the energy consumed and the waste created. This leads to understanding.

Collaborative relationships with our suppliers and distribution network help us build an understanding of our total carbon footprint.

How do we make rapid progress? From a customer perspective, we already look right along our product design, supply and consumption chain so we have many collaborative relationships already in place.

Collaborative relationships with suppliers help us build an understanding of our carbon footprint

What we're **doing**

A pilot project involving the Worcester Greenstar 28i Junior is already underway in 2008.

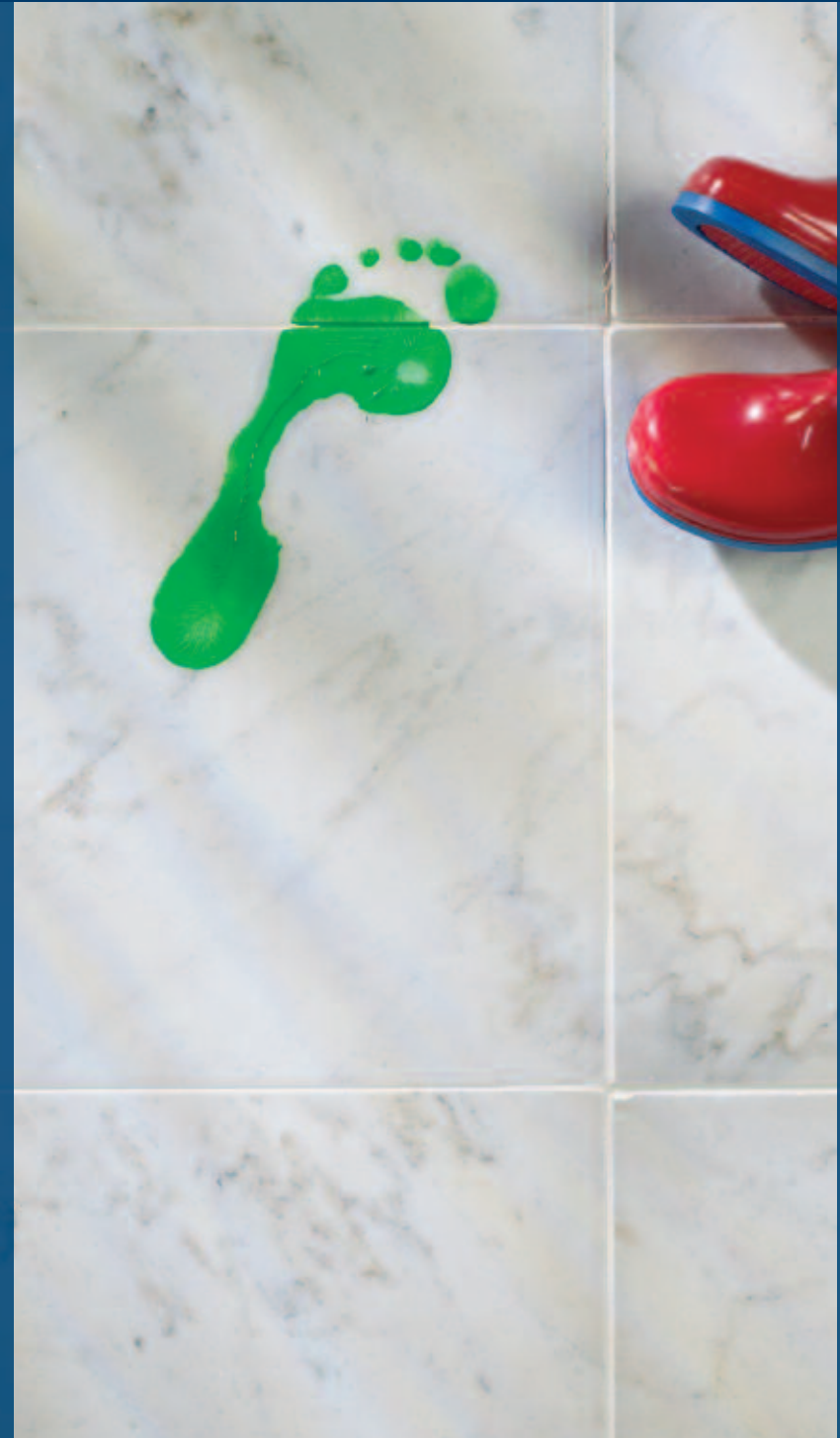
The pilot scheme involves a broad spectrum of people from across the business, and will help us to understand and ultimately reduce our carbon footprint.

Additional measures such as the recycling of spare parts replaced by our service engineers are already underway. By stripping down spares into material groups, e.g. plastics, aluminium etc. we can increase our opportunities to recycle.



“At Bosch Thermotechnology Ltd. we believe it is the responsibility of every employee to look at how they can contribute to reducing the overall carbon footprint for the company. By making small improvements to our business activities today, we can make a very big difference in the longer term.”

Roy Hill
Customer Services Director



By taking direct responsibility at each stage of the product life cycle we will...

- ▶ Increase the recovery rate of recyclable materials by reverse manufacturing. This can save on the CO₂ needed to extract new raw materials.
- ▶ Reduce the amount of waste to landfill by identifying more re-use/recycle opportunities.
- ▶ Influence future product specifications by encouraging greater use of recyclable raw materials.

The Bosch Group has been committed to environmental protection since 1973. This principle of our corporate philosophy is as important as the quality of our products and services.

As a pioneer in manufacturing, Bosch are now determined to lead the way in ensuring that our methods of production, administration, product development, recycling and disposal leave as small a carbon footprint as possible.

For further details on energy efficiency initiatives at Bosch Thermotechnology Ltd. please visit our website: www.worcester-bosch.co.uk

