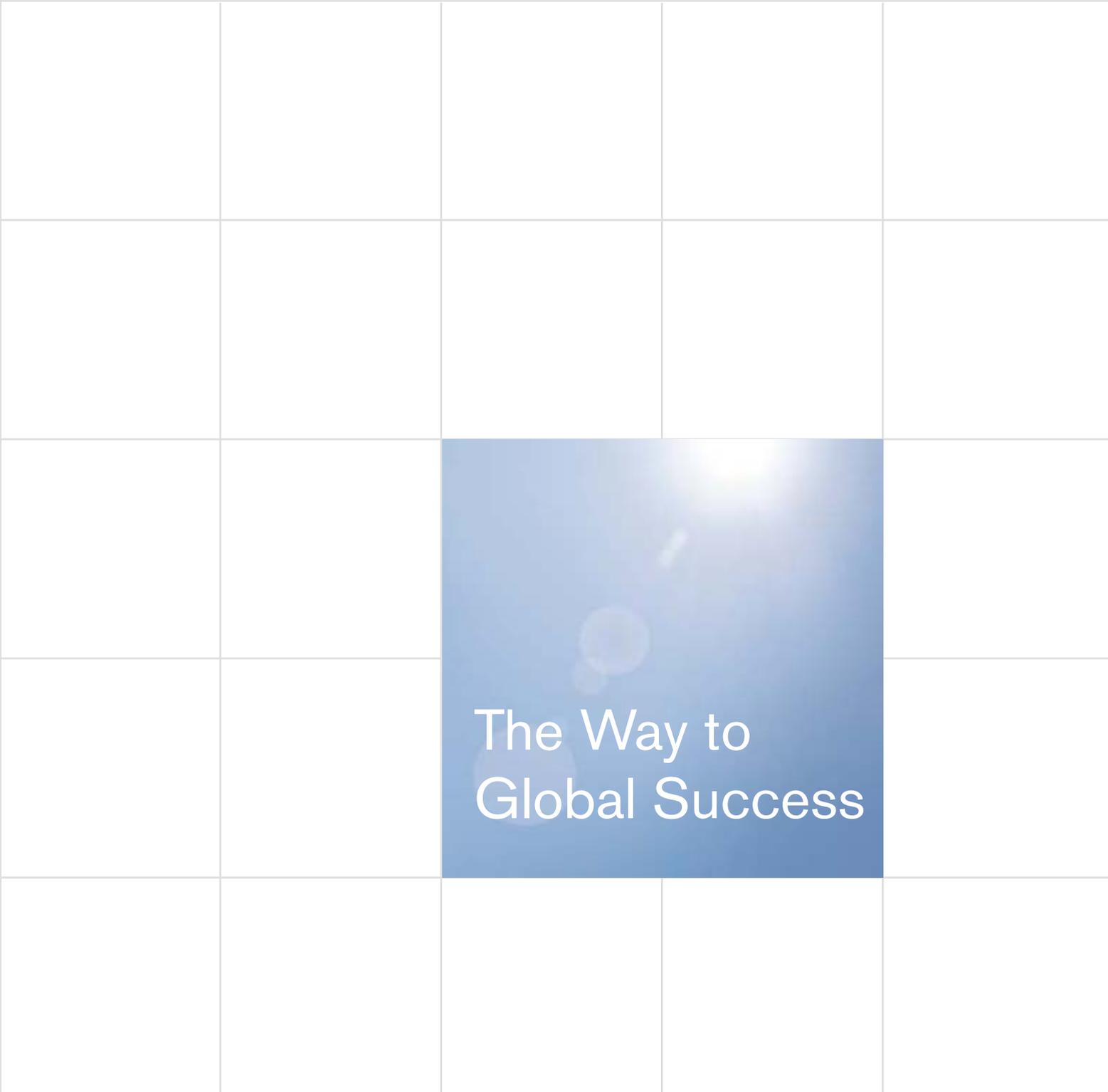


– weishaupt –

# profile

The future and tradition of the Company



The Way to  
Global Success



The Way to Global Success

introducing

**W**elcome to Weishaupt! The Forum at the entrance of the head office building in Schwendi, Upper Swabia, in Germany invites staff and visitors to come together and talk. The building was designed by the architect Richard Meier and is the communications centre of the Weishaupt Group.

The ceaseless flow of knowledge and experience, close cooperation with specialist trades, collaboration with planners and project advisors, the relationship with customers and business partners – Weishaupt is founded upon the interactions of business life.

Reliability and personal responsibility are a major focus of this company brochure. Weishaupt is a family-run concern with strong traditions led by its owner, who bears sole responsibility: Siegfried Weishaupt, who succeeded his father and

**Foreword and Contents Weishaupt enjoys enduring success: The company has developed continuously and is well placed to tackle future challenges. This brochure describes the company's ability to adapt and thus achieve global recognition.**



the founder of the company, has guided the company to global success.

The company set out on the way to success in 1932 when Max Weishaupt, a master mechanical engineer, founded his first workshop in Schwendi, but the company was actually launched in 1952 when he started to manufacture burners. Today the Group does business all over the world and is a global leader in the manufacture of combustion technology; it enjoys growing success on the market with cutting edge heating systems, offers pioneering BMS technology and is now investing in environmentally-friendly products, such as solar collectors and heat pumps, which use renewable energy.

Strong innovation and outstanding customer service will continue to forge new paths to allow the company to travel towards lasting global success. ■

**Graceful curves and straight lines:  
The inviting Weishaupt Forum in  
Schwendi represents the  
communications centre for the  
whole Group. The Training  
Department is also based here.**





# The Way to Global Success

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reliable

**The Mission Statement** “That’s reliability” – this is the promise that Weishaupt makes to the market – customer orientation all the way down the line.

Page 10

personal

**Family** Weishaupt provides daily evidence that personal responsibility at leadership level secures success and a safe future.

Page 14

powerful:

**Companies and markets** Dynamic growth and expansion of the Group go hand in hand with stability and continuity.

Page 20

future-oriented

**Research and Development** As a highly innovative company, Weishaupt produces a constant flow of future-oriented products.

page 32

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Products and services

Page 110

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## economical

**Technology for fossil fuels.** It is more important than ever that we use our resources sparingly. The key word here is efficiency  
Page 40

## inexhaustible

**Technology for renewable energies.** Climate-friendly sources of heat are becoming increasingly important – Weishaupt offers first-class technology.  
Page 50

## local

**Service and training.** Working with partners in the specialist trades, Weishaupt sets standards for customer service  
Page 58

## perfect in form

**Product design and architecture**  
The Weishaupt image – consistent across the company with clean, uncluttered lines.  
Page 68

## tested

**Real examples.** To travel to Weishaupt product installations is to travel around the world: The technology proves its worth wherever it is.  
Page 80

## human

**A commitment to society.** The company has a long tradition of public spiritedness and Siegfried Weishaupt is carrying this forward.  
Page 90

## experienced

**Company history** Weishaupt has added to its experience over the years and created a store of knowledge relating to every area in which the company is engaged.  
Page 98

## forward-thinking

**Responsibility** Protecting climate and environment – Weishaupt helps to secure our future.  
page 106

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reliable

The core brand of the Weishaupt engineering company consists essentially of three elements: quality, innovation and service – all delivered with skill and expertise. A few years ago, the company wanted to find a phrase that would sum up all these qualities for their customers; the choice was not difficult: “That’s reliability!”

A clear statement and a serious promise that is deeply rooted in the ethos of the company. But is it also sufficiently modern? And does it really mark out the company against the competition? The result – determined by careful observation of the market and uncompromising customer orientation – soon proved to be a fitting choice; even more, it was forward-thinking, even for the long term. There is one quality that always rides high in business: reliability.

Numerous surveys on fundamental

Maximum efficiency – for example in the condensing boiler technology used in heating systems – extends the meaning of the term to include protection of the environment and conservation of resources. The product areas that were introduced later on – building automation, solar heating and heat pumps are an almost perfect embodiment of this theme. Sustainability as an element of reliability.

Reliability is literally manufactured every day in the factory itself – in the Research and Development Institute and in the assembly halls. Each step of the planning process, every job, thorough functional testing and the best materials are all essential. Weishaupt’s reputation for manufacturing quality and sales volume has become legendary. Our work is of the highest quality on every level: Precision and care as elements of reliability.

**The Mission Statement Reliability is fundamental to Weishaupt. This is the promise, firmly anchored in every part of the Group, which the company takes to the market. No other concept expresses customer orientation so clearly.**



changes to customer requirements underpin the shift in values. A representative study by a leading international marketing consultancy focused the change on three attributes: “Less, more transparent and more honest” – this is the formula for communicating with customers in the future. 95% of consumers surveyed in Germany expect “reliability” from an “ideal company” and its products – an enduring value which is far ahead of any other characteristic.

This seal of approval characterises the structures that Weishaupt has created in every area.

Reliability is a fundamental requirement for Weishaupt. Based in Schwendi, in Upper Swabia in Germany, the company started manufacturing combustion equipment in 1952. The flame, historically the company’s first logo, must provide warmth safely, at any time and under every circumstance. Safety as an element of reliability.

The service provided by the company is also outstanding. Reliable advice, planning, installation and maintenance are decisive criteria for market success. Weishaupt cooperates closely with partners in specialised trades and trains them in cutting edge technologies in the core products, an arrangement which leads the way for the rest of the industry. Customer service, operated throughout the world on a major scale, as an element of reliability.

Finally, the term is a watchword at the top of the company where it is applied to management practices both internal and external. All the products bear the name of the Chairman Siegfried Weishaupt who personally guarantees reliability throughout the company. ■

■ reliable

**Seal of approval:** The name of the family who run the company serves as a brand and a logo on all the products and guarantees reliability – a characteristic that combines all the others.





personal

Anyone familiar with Weishaupt knows that it is a company in which transparency is key. The owner is personally responsible for creating a climate in which this attitude can flourish and the principle applies to dealing with customers, to setting the employees an example of how to identify with the company and to the economic management of the Group.

Weishaupt is a medium-sized company with a global business radius which has created its own growth and which plans to continue to do so in the future. Succession within the family is assured. Siegfried Weishaupt succeeded his father, the founder Senator Max Weishaupt, as Chairman in 1982. A graduate engineer, he worked alongside his father for many years to familiarise himself with every aspect of the business. Since the beginning of 2007, the next generation, in the person of Thomas

Max Weishaupt's foundation of the Research and Development Institute in 1962, which represented a pioneering move for the whole industry, was an exceptional example of the company's future-oriented attitude. The task of building on this model for the future devolved slowly upon his son Siegfried Weishaupt, who earned his spurs in his father's company by running this department. Once he had sole responsibility for the whole company, Siegfried Weishaupt acknowledged the signs of the times in another core area: Long before "globalisation" became a buzz word, he continued the dynamic expansion of the sales organisation in Germany and abroad, a task which had already been high on Max Weishaupt's agenda. Many new markets were opened up as the result of his making this initial effort. Entering new business areas is equally important for sustainable growth.

**Family At Weishaupt, it can be seen on a daily basis that personal accountability at the top of a medium-sized company secures success – even when the economy is in difficulties and for generations to come. The “Family Principle” has a future.**



Weishaupt, has had a leading role at the Schwendi head office. He is Head of Foreign Sales. Between his two stints at university, in Karlsruhe and in Singapore, the industrial engineering graduate spent several years gathering practical experience at the Weishaupt subsidiary in Canada and at Siemens in Chicago.

It is medium-sized and family-run companies that form the backbone of the German economy. Staying on course, even when the economy overall is not functioning well and working towards sustainable growth over generations are in their nature. Well-thought out product innovations and continuous modifications to the company structure are essential for medium-sized companies if they wish to retain their market share. It can be said that flexibility and innovative capability are part of the genetic heritage at Weishaupt - always in tandem with farsightedness and a sense of proportion.

The move into manufacturing heating systems, building automation and solar and heat pump technology was the result of Siegfried Weishaupt's decisiveness. Recently, Baugrund Süd, a company specialising in geothermal energy and bore hole drilling, was brought into the Weishaupt stable.

Where personality counts for so much and where accountability is not held in a typical corporate management structure, everyone, from senior management to staff, sees themselves as part of a large family.

The “Family Principle” is one that particularly now is considered very modern and forward-looking in the business world. ■

**A strong family tradition:  
Siegfried Weishaupt with his son  
Thomas in the Forum at the  
company's site in Schwendi –  
the Warhol portrait is of the  
founder Max Weishaupt.**







International: Thomas Weishaupt with sales partners from Syria and Egypt.

A spontaneous speech  
to say thank you:  
Chairman Siegfried  
Weishaupt, with his wife  
Jutta and his son  
Thomas, receives a  
birthday gift from the  
staff in Schwendi



“We need them everywhere:  
entrepreneurs who work at their  
own risk and consider  
themselves as first in the service  
of their company.”

German President Horst Köhler



**Very highly recommended:**  
**Siegfried Weishaupt**  
explains the technology  
of a multiflam duel fuel  
burner to visitors at the  
ISH trade fair.

powerful

One statement sums up the Weishaupt way: "From a small engineering workshop to a global enterprise". In approximately six decades, the company has achieved a strong position on the international market. Weishaupt is a market leader in large and industrial-scale burners, is improving its position in heating systems year on year, is forcing technical change in heat generation with regeneratively configured products and is already accessing the markets of tomorrow with networked building control technology.

The powerhouse for all the business activities is the headquarters building in Schwendi where Max Weishaupt launched his business from an engineering workshop. This is the hub where the threads from the Group over six continents are gathered together, where technological innovations have been developed for almost 50

1987 and 1997, Weishaupt's sales more than doubled from €155 million to €328 million. Ten years later, sales exceeded €400 million and the consistently upward trend continues unabated. Bad planning and miscalculations with any serious impact: NONE

As well as the rapid development in sales, the change to the product range is also indicative of how extraordinarily dynamic the company is. Weishaupt has not been completely reinvented in the course of its development, but has continuously opened up new business areas and markets which has strengthened its core brand. Most recently, Baugrund Süd, a 170-employee company which carries out preparatory work prior to the installation of heat pumps became part of the Group.

So the company that previously focused entirely on manufacturing burners has

**Companies and markets Growth is not the only yardstick with which to appraise Weishaupt as a company. The strength and the consistently upward trend of the company are closely linked to the requirement to ensure stability and continuity.**



years and it is where all the burner models still come off the assembly lines.

The company in figures: Some 1000 people are employed at the head office and more than 3000 throughout the world. There are two main production locations in addition to Schwendi: Pyropac in Sennwald in Switzerland, where the heating systems are manufactured, and Neuberger in Rothenburg in Germany which focuses on building automation. The Group network spans over 29 branches in Germany and includes 20 foreign subsidiaries, three representative offices and 36 agencies in other countries.

A glance at the historical sales figures shows how strongly the company has grown throughout the decades, without any significant setbacks. At the start of Siegfried Weishaupt's sole leadership in 1982, sales broke through the 100 million barrier, but then moved into a different dimension in the next decade. Between

now become a supplier of systems and can offer its customers, both domestic and industrial, component solutions and coordinated technology for heating from under one roof, starting with determining requirements, through selecting and installing products to maintenance. In real terms, the regenerative products, solar heating and heat pumps, and the building automation make up a quarter of the sales; traditional heating systems make up a further 25%.

"Every new product, every new branch or subsidiary and every company acquisition has been in line with our principles of stability and continuity." This is Siegfried Weishaupt's maxim for strong corporate growth. ■

powerful:

**Global business: Weishaupt freight is loaded into an aircraft. The curve shows sales from the company foundation to the present day – a steady rise, with a sharp increase since the 1980s**





1980

1990

2000

2010

powerful:



Overview: The Schwendi works with administration buildings, left opposite the Weishaupt Forum; to the right and behind the main heating system buildings with Research & Development; in the centre, assembly halls and warehousing.

Local production in a global operation: The buildings of the head office are arranged around the square at the centre of the Schwendi site. A steel sculpture by Eric Hauser which can be seen from the entrance area symbolises technical progress.



The Schwendi factory,  
surrounded by nature,  
is the nucleus and the control  
room of the Group.



powerful:

Production and service locations:  
Four companies merge seamlessly under the Weishaupt umbrella.



**High tech from Neuberger: The subsidiary in Rothenburg manufactures BMS systems**



**First class technology from Pyropac: This sister company in Sennwald in Switzerland is the production site for Weishaupt heating systems**



Precision-made in Schwendi: The photo shows operations in one of the very modern Weishaupt assembly halls – all the company's burners are still produced in the main factory.



**Baugrund Süd:** This Württemberg-based company specialises in geothermal resources

powerful:



**Weishaupt branch offices and one agency in Germany.**

Augsburg	Leipzig
Berlin	Mannheim
Bremen	Munich
Dortmund	Münster
Dresden	Neuss
Erfurt	Nuremberg
Frankfurt	Regensburg
Freiburg	Reutlingen
Hamburg	Rostock
Hanover	Schwendi
Karlsruhe	Siegen
Kassel	Stuttgart
Kiel	Trier
Koblenz	Wangen
Cologne	Würzburg

**Weishaupt on land:  
Logistics operations  
have been perfected so  
that the products can be  
delivered to  
branch offices and  
customers without delay.**



Success in Germany:  
With 29 hubs, the network of  
branch offices provides local sup-  
port to customers and a frequent  
reminder of Weishaupt's presence.





**The subsidiaries, representative offices and agencies outside of Germany (shown in a darker colour on the map).**

- |                        |               |
|------------------------|---------------|
| Belgium                | Indonesia     |
| Bosnia and Herzegovina | Iran          |
| Brazil                 | Ireland       |
| Denmark                | Israel        |
| France                 | Japan         |
| United Kingdom         | Korea (South) |
| Italy                  | Latvia        |
| Canada                 | Lebanon       |
| Croatia                | Luxembourg    |
| Poland                 | Malaysia      |
| Romania                | Morocco       |
| Sweden                 | Macedonia     |
| Switzerland            | New Zealand   |
| Serbia                 | Netherlands   |
| Slovakia               | Norway        |
| Slovenia               | Austria       |
| South Africa           | Pakistan      |
| Czech Republic         | Philippines   |
| Hungary                | Portugal      |
| USA                    | Russia        |
| Bulgaria               | Switzerland   |
| China                  | Singapore     |
| Lithuania              | Spain         |
| Egypt                  | Syria         |
| Australia              | Taiwan        |
| Estonia                | Thailand      |
| Finland                | Turkey        |
| Greece                 | Tunisia       |
| India                  | Ukraine       |
|                        | Vietnam       |
|                        | Cyprus        |





Global success:  
20 subsidiaries,  
39 representative offices and  
agencies make up the dynamic  
operation that is Weishaupt  
abroad.

**Weishaupt at sea:**  
Weishaupt products are  
shipped all over the  
world in containers. The  
proportion of sea freight  
is increasing every year.

future-oriented

When the articulated lorry carrying the world's largest combustion chamber for testing industrial burners turned into the factory site in Schwendi, just a few hundred meters away a team of engineers was working on a product on a much smaller scale – they were testing condensing boiler technology for oil combustion. At the same time, the preparations for the market launch of heat pumps, a completely new field for Weishaupt, was in a crucial phase.

The simultaneous occurrence of these events shows that the Weishaupt is advancing on a daily basis and also works on futuristic projects in a broad range of areas.

But how? How is it possible to do this for so many years? The answer is to be found first of all in the Research and Development Institute situated on site in Schwendi where approximately 100 highly

ment amongst his competitors. He had recognised, long before anyone else, what the key requirement would be in the future: knowledge. Or to be more precise, technical knowledge, acquired in the company or brought in from outside and easily polished to Weishaupt standards. This made it possible to reflect the changes occurring on the market without delay in products that would resist the wear and tear of practical use and meet the many varied requirements of the customers.

Efficiency improvements, which were key from the outset at knowledge-based Weishaupt, take us from Schwendi to Rothenburg ob der Tauber. Cutting-edge building automation systems are produced here at the subsidiary Neuberger. Complex automation solutions which must be redeveloped for each project, network and mesh heating, climate control, air condition-

**Research and Development Weishaupt is a company that has had a firm basis in technical knowledge since the beginning. With its exemplary ability to innovate, the Group constantly advances by producing forward-looking products.**



specialised technicians, designers, engineers and model builders are involved in the ongoing development of innovative products and components and countless detailed technical solutions for special variants. There are 43 development and endurance test benches set up in an area of more than 3 000 square meters; 26 of them are used for testing heating systems, heat pumps and solar energy systems and 17 are used for burner tests.

Until the arrival of the 50 tonne combustion test chamber, an example from the upper end of the scale, it had not been possible to ship fully tested large burners with an output of up to 25 megawatts: yet another future-oriented step from Weishaupt.

The foundation for the highly innovative enterprise of today was laid by Max Weishaupt, when he established the Research and Development Institute on the factory site in 1962, an undertaking which caused amazement and also some amuse-

ment, cooling, lighting and fire protection functions as required, to name but a few of the system components. An intelligent, centrally controlled house uses less energy and costs less to run. The Weishaupt project "Progress through technology" is an item on the daily agenda of the developers and the planners in Rothenburg.

The term "sustainability" is a byword in every company in the Weishaupt group. Graduate engineer Siegfried Weishaupt and his team of technicians ensure that the development departments always retain perspective. They all firmly believe that the way to gain trust is to offer only what is feasible. That is forward-looking. ■

**Testing with the giant combustion chamber: Large burners with an output of up to 25 megawatts can be tested in the new workshop in Schwendi – a mega project in the Research and Development Institute.**









A highly specialised team of engineers and designers plan for the future in the Research and Development Institute – the home of technical innovation.

**Precision coordination:**  
A technician from the Development Centre uses a thermal imaging camera to record data for a test run on a floor-standing Thermo Condens (WTC-GB).



Final tests in the Sennwald factory in Switzerland. An employee checks the most important components of WTC-OW oil condensing boilers before they are shipped



Fine-tuning at Schwendi: the interplay of electronic measuring technology and human judgement – here in the measurement of a swirl plate for oil atomisation.



Every day at Weishaupt we work to optimise our products – and take the company from one advance to the next.

**Working on a project in the Rothenburg factory: staff working on building automation at the subsidiary Neuberger conduct experiments into electromagnetic compatibility (EMC). EMC refers not only to the electromagnetic compatibility of a product, but also to its resistance to interference from external electromagnetic sources.**

economical

Efficiency has many facets at Weishaupt. One of them is a stainless steel tube with very fine perforations. In condensing boilers, an oil or gas/air mix is created in the premix chamber and converted to usable heat on a cylindrical surface in the form of small flames. This perforated steel pipe does not have the appearance of a traditional burner but features thousands of tiny burning dots. This technology, which Weishaupt has developed, is more energy-saving than almost any other oil-fired condensing system.

At the heart of all condensing boilers, irrespective of whether they use oil or gas is the heat exchanger. It is this component that makes it possible to use the heat energy from the exhaust gas that would otherwise be lost through the flue. This heat is conducted to the heating water via the heat exchanger. Installed as part of an ener-

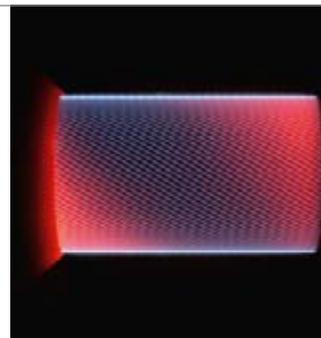
efficiency is commensurate with the long experience of the company which has produced them.

Four further examples document the unstoppable progress of efficient technology and pollution-reducing processes at Weishaupt.

The patented multiflame technology is established throughout the whole output range of oil and gas burners. This showcase technology meets all the relevant international emission regulations.

The key issue here is digital combustion management: All the burners now use this system. The important functions such as fuel and air supply output regulation and flame monitoring, can be controlled and adjusted to a wide range of conditions much more precisely with microprocessor technology. Their operation is more economical, safer and more reliable.

**Technology for fossil fuels. Oil and gas will continue to fuel heat generation systems for decades. It is more important than ever to protect the environment and use these resources sparingly. The key words here are: improving efficiency.**



gy-reducing building renovation, condensing boilers can save up to 30% compared to the energy used by older traditional heating systems.

Although improving efficiency appears to be a very modern stricture, it has been corporate practice at Weishaupt for decades. For a long time, priority was given to reducing nitrous oxides – the key word here is ‘acid rain’—but nowadays, public debate is dominated by the husbanding of finite energy resources and by the damage done to the climate by carbon dioxide. Reducing costs for consumers has always been an issue, of course.

Both requirements have the same consequence: the provision of constantly improving technology that uses the fossil fuels, gas and oil, which must be available for generations to come, extremely carefully. The list of Weishaupt products and the company’s own developments that come under this heading of offering maximum

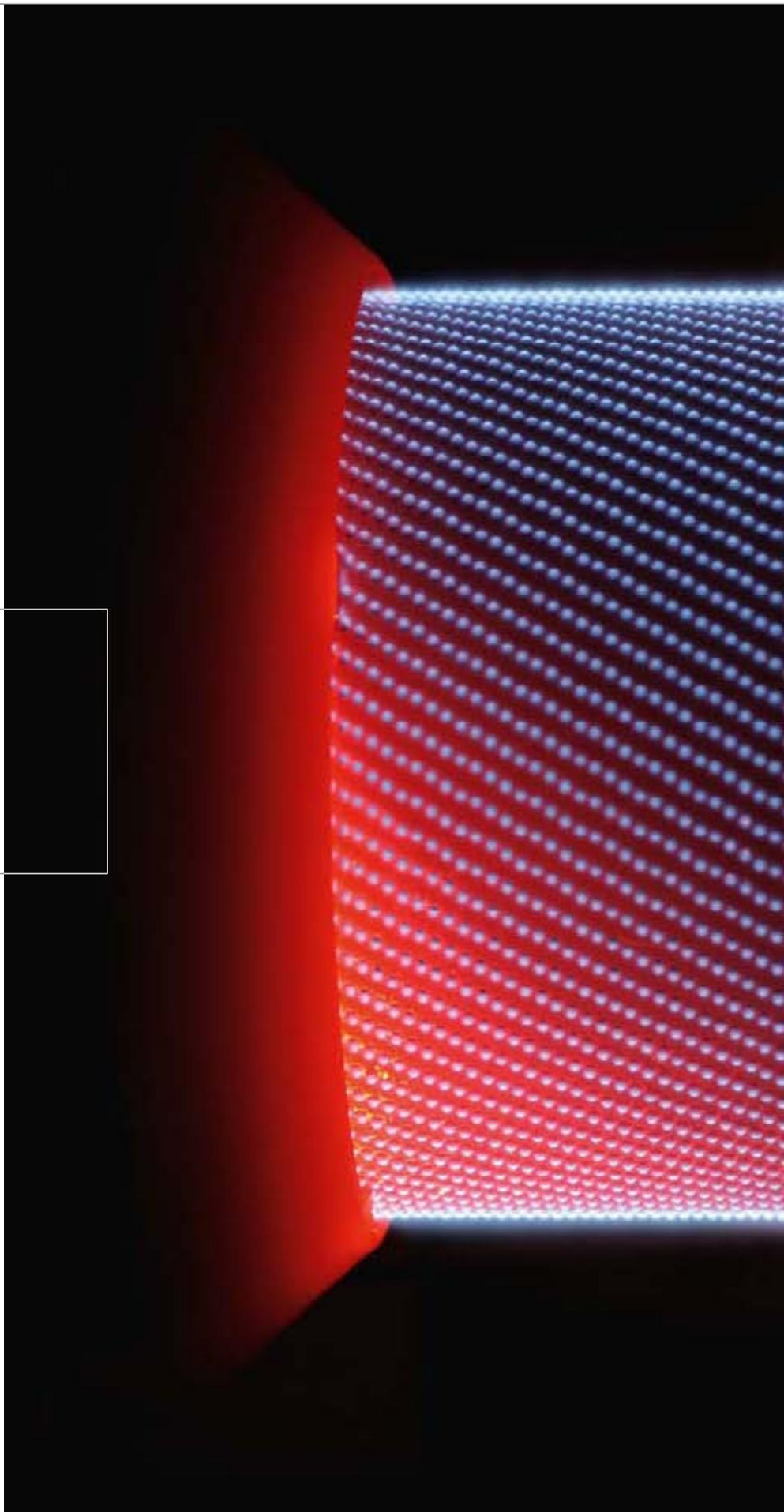
The third example is associated with the SCOT acronym. Weishaupt was the first company in the world to install this technology for regulating oxygen (O<sub>2</sub>) levels as standard in gas-fired condensing boilers. The effect is stable, efficient combustion generating consistently low emissions even if the gas quality fluctuates or biogas is added to the mix.

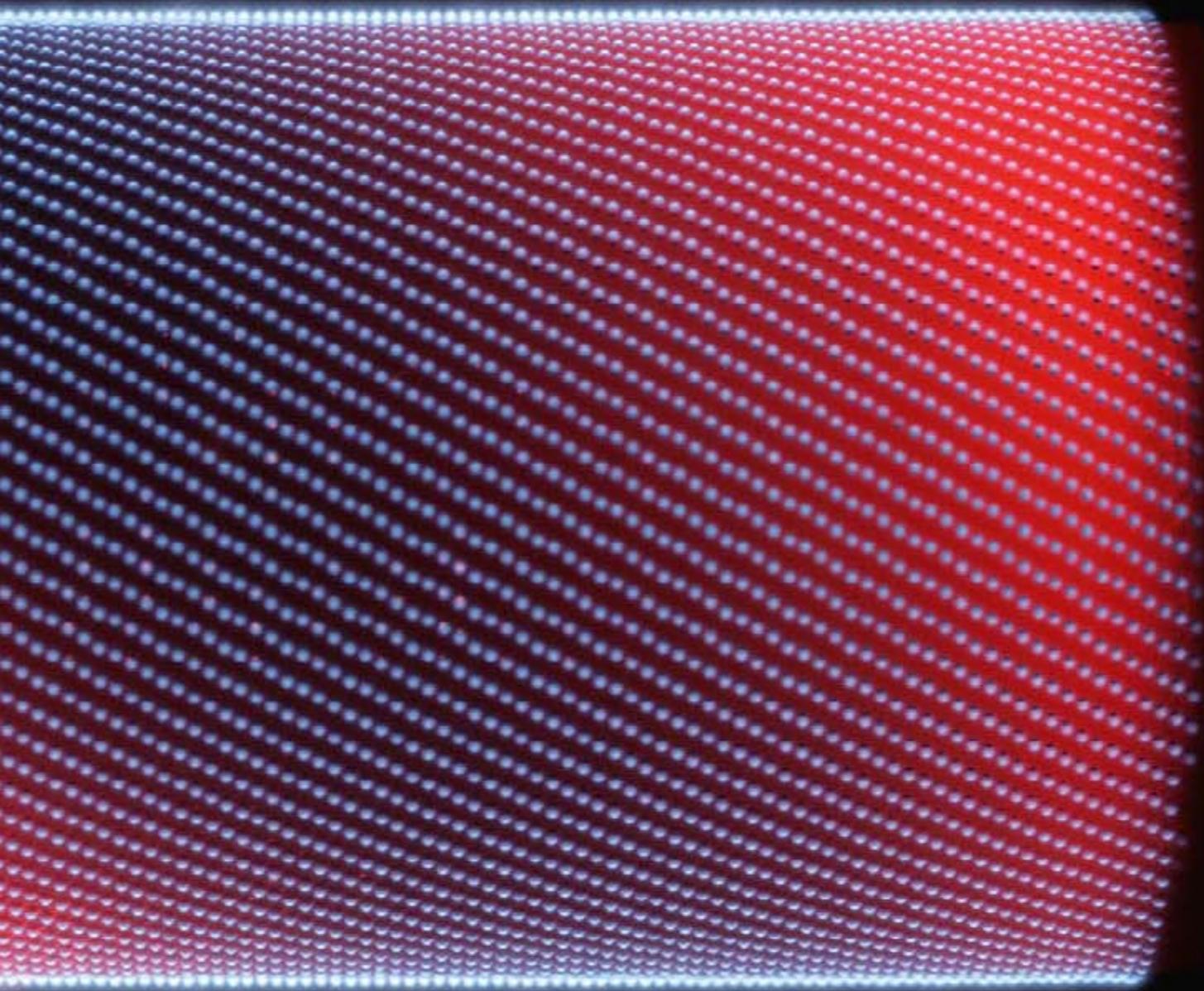
The system technology which is used throughout the Weishaupt range of products also improves efficiency. This is true for the multi-boiler control system, cascade installations of condensing boilers and heat pumps, the combination of solar collectors with heat pumps and condensing boilers right through to building automation, which merges all the technical systems in a building into one electronically controlled network.

For Weishaupt, this means economy. ■

■ economical

**Efficient technology from Weishaupt: A mix of oil vapour and air burns on the perforated surface of the cylinder in the WTC-OW oil burning condensing boiler – economy usage.**

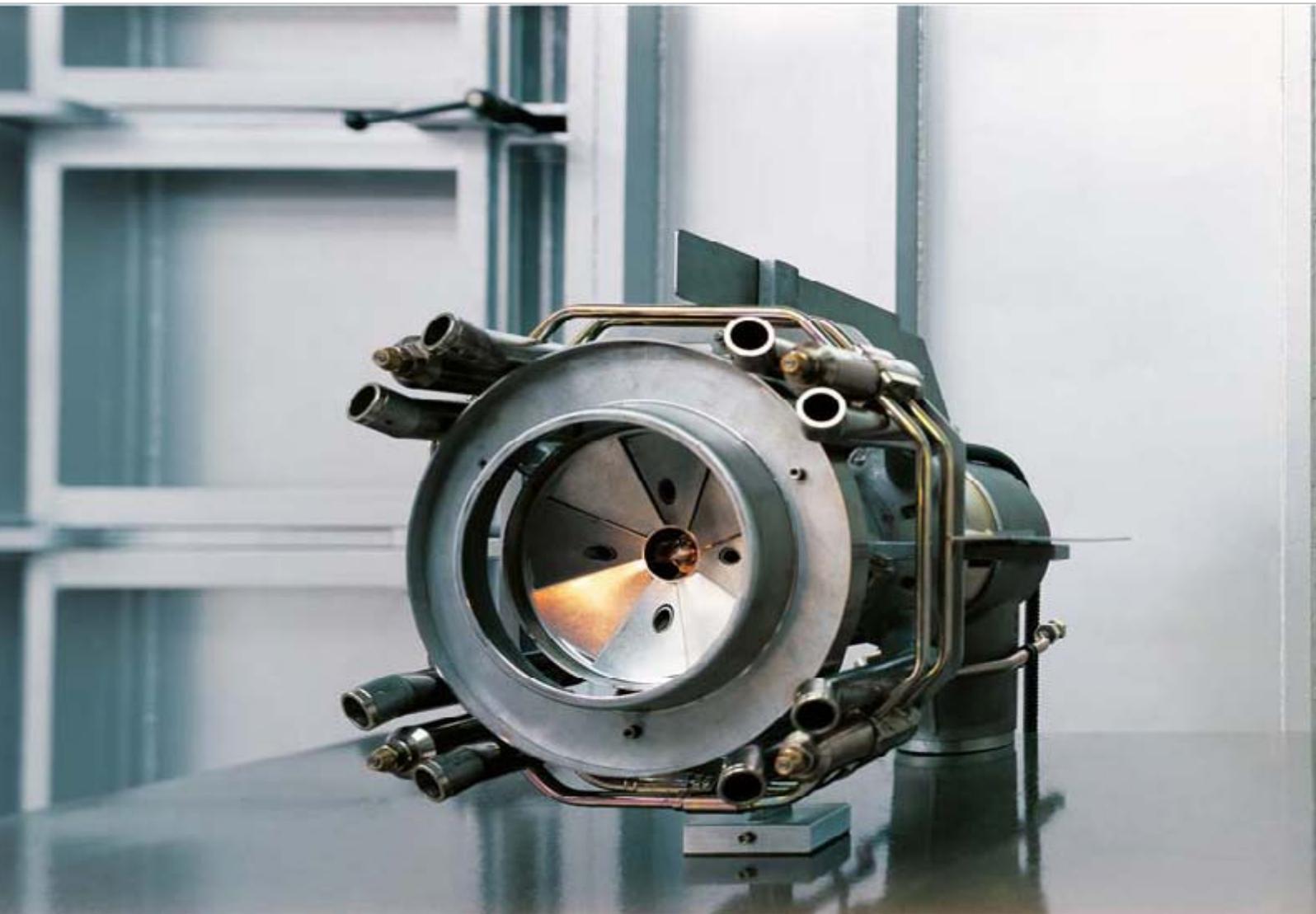






**Savings along the line:** Fired by gas or oil, the Thermo Condens (top left) uses condensing technology and represents the way to greater efficiency for households and small businesses. The new Monarch family of products – this model, the WM30 for gas, is the most powerful and uses digital combustion management to ensure the mix of fuel and air is precise and consistent.

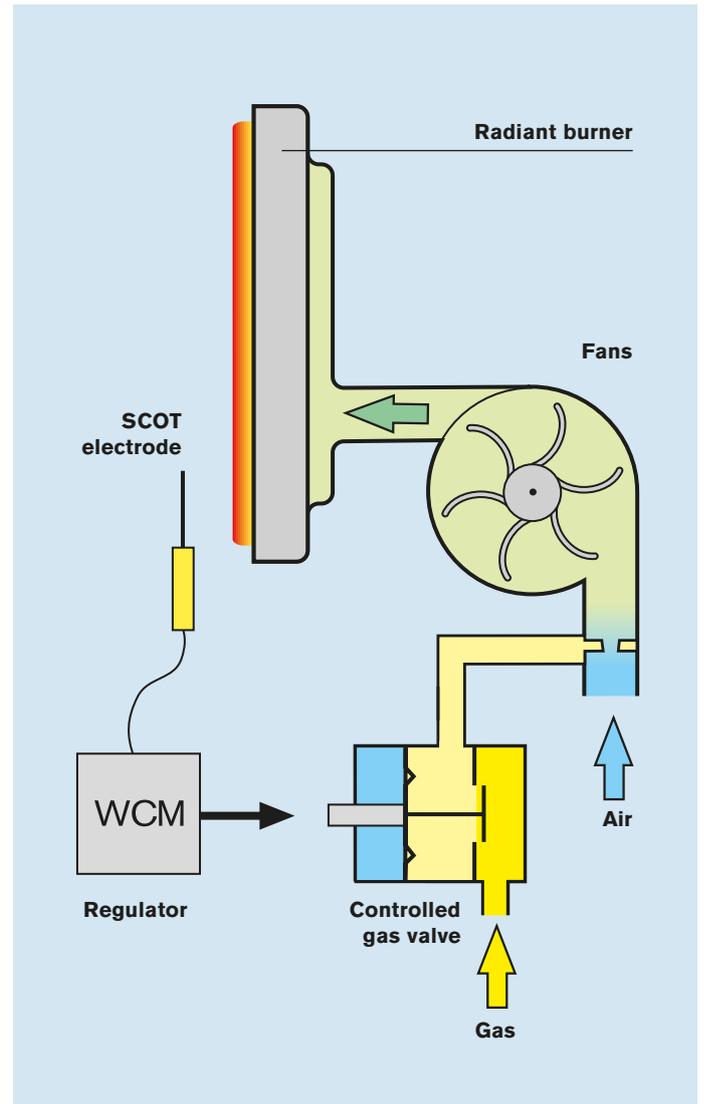




The “Engine of progress”: The multiflam burner – shown here without housing – is a pioneer in pollutant reduction.

Greater efficiency and reduction of pollutants are trademark characteristics for all the products manufactured by Weishaupt.

**Best quality combustion:**  
 The SCOT system was a world-wide first in gas burners for Weishaupt. This technology optimises oxygen (O<sub>2</sub>) regulation which reduces running costs. The SCOT electrode measures a flame signal which the WCM condensing manager (controller) can translate to the oxygen content in the exhaust gas – the sensor can then regulate the burner accordingly. It also takes account of fluctuations in the quality of the gas.



Condensing boiler technology and digital combustion management reduce energy consumption to a minimum.



At the heart of the efficient technology in the WTC condensing boiler: This photographically enhanced image shows a section of the heat exchanger. The raised bumps increase the surface area and therefore also the efficiency of the plates over which the heat is transferred from the combustion process to the heating water.

The technical systems in a building can be combined to provide the highest possible level of efficiency

### Light

A building automation system can deliver the right amount of light at the right time, regulating and controlling the lighting system appropriately for the building structure and to meet personal requirements.

### Heating

Energy saving is the primary focus of a heating control system. All the advantages of acquiring products from a single source: heating and building automation systems from Weishaupt and Neuberger.

### Cooling

It is more expensive to cool than to heat, because cooling requires more energy. Modern regulating systems and building control technology ensure that cooling systems work efficiently.

### Air conditioning

With air conditioning, the primary concern is to ensure the right amount of good quality air is delivered to the right place. Control technology can provide optimum air conditioning automatically.



**The seven core areas for modern building control technology from Neuberger at a glance: The various systems can be controlled and regulated in a network or in sub-networks, depending on demand and individual requirements.**

## Shade

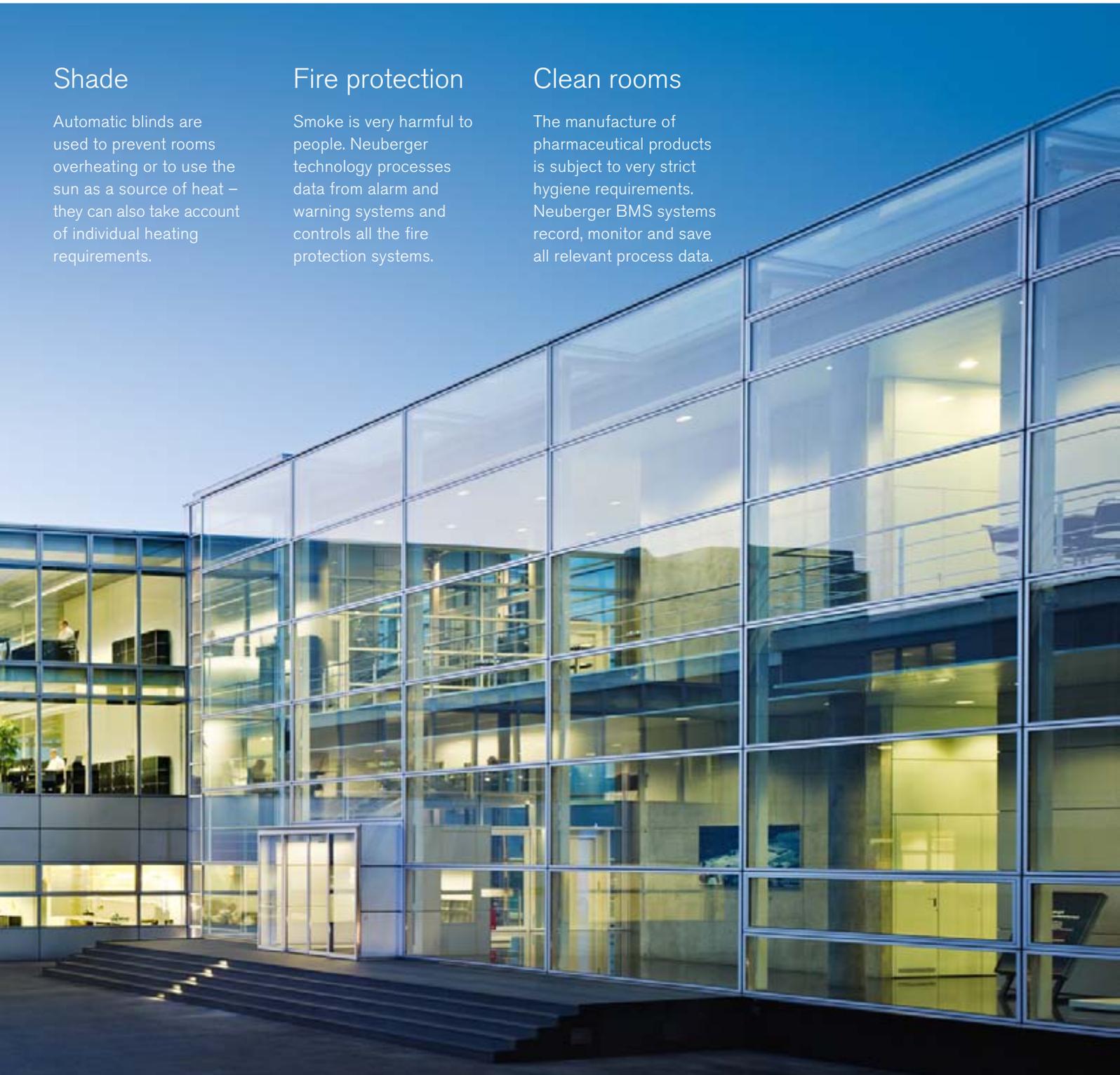
Automatic blinds are used to prevent rooms overheating or to use the sun as a source of heat – they can also take account of individual heating requirements.

## Fire protection

Smoke is very harmful to people. Neuberger technology processes data from alarm and warning systems and controls all the fire protection systems.

## Clean rooms

The manufacture of pharmaceutical products is subject to very strict hygiene requirements. Neuberger BMS systems record, monitor and save all relevant process data.



inexhaustible

From burner manufacturer to a supplier of systems: The Weishaupt Group has a broad base of products compared to many of its competitors and is well placed to tackle the challenges of the future, particularly now it offers solar heating and heat pumps in marketable output ranges. With society embracing the move towards renewable energy sources for heat generation, the company's profile has been rejuvenated in some areas.

Weishaupt shipped solar collectors to its customers for the first time in 2000. The market was still young, and expectations ran high. The "Sun Project" has only now become affordable for many consumers as subsidisation of this technology has increased, allowing them to use solar energy to heat water for domestic use and to supplement heating applications. Evidence of the trend towards the installation of so-

other internal heating systems and also heat reservoirs.

Moreover, it is possible to connect collectors to Weishaupt systems on and under roofs without any heat loss: higher output, greater efficiency and more flexibility. The assumption that they are only worth using in sunny areas has been disproved in practical applications up and down the country: Essentially any roof surface in Germany is suitable for the installation of collectors if it faces east, west or south. In other words, towards the sun!

Following a standing start, so to speak, Weishaupt has been established in the hotly competitive heat pump market since 2008, the first full year, with a complete range which now encompasses over 70 heat pump models ranging in output from 5 to 130 kilowatts. In a cascade arrangement, it is possible to exceed 1 megawatt. Entry in-

**Technology for renewable energies. Heat from the sun, from the ground, the air or ground water – these environmentally-friendly energy sources are increasing in significance – Weishaupt offers first class technology for solar heating and heat pumps.**



lar thermal systems, which has been rising for the last ten years, can frequently be seen on the roofs of houses. The total surface area of collectors sold just by Weishaupt now amounts to around 350 000 square meters.

Weishaupt's market balance is commensurate with the general ecological balance for 2008. All the solar heating systems installed in Germany save more than 500 million litres of heating oil annually – equivalent to the load carried by approximately 40 000 tankers.

The benefits of solar energy are unsurpassed: Heat from the sun is the only source of heat that needs no additional energy input; the pump consumes just a little power. Maintenance and operation are simple, all the components are very long-lasting and installation is inexpensive. It goes without saying that Weishaupt has solutions for almost all circumstances, including optimised automatic coordination with

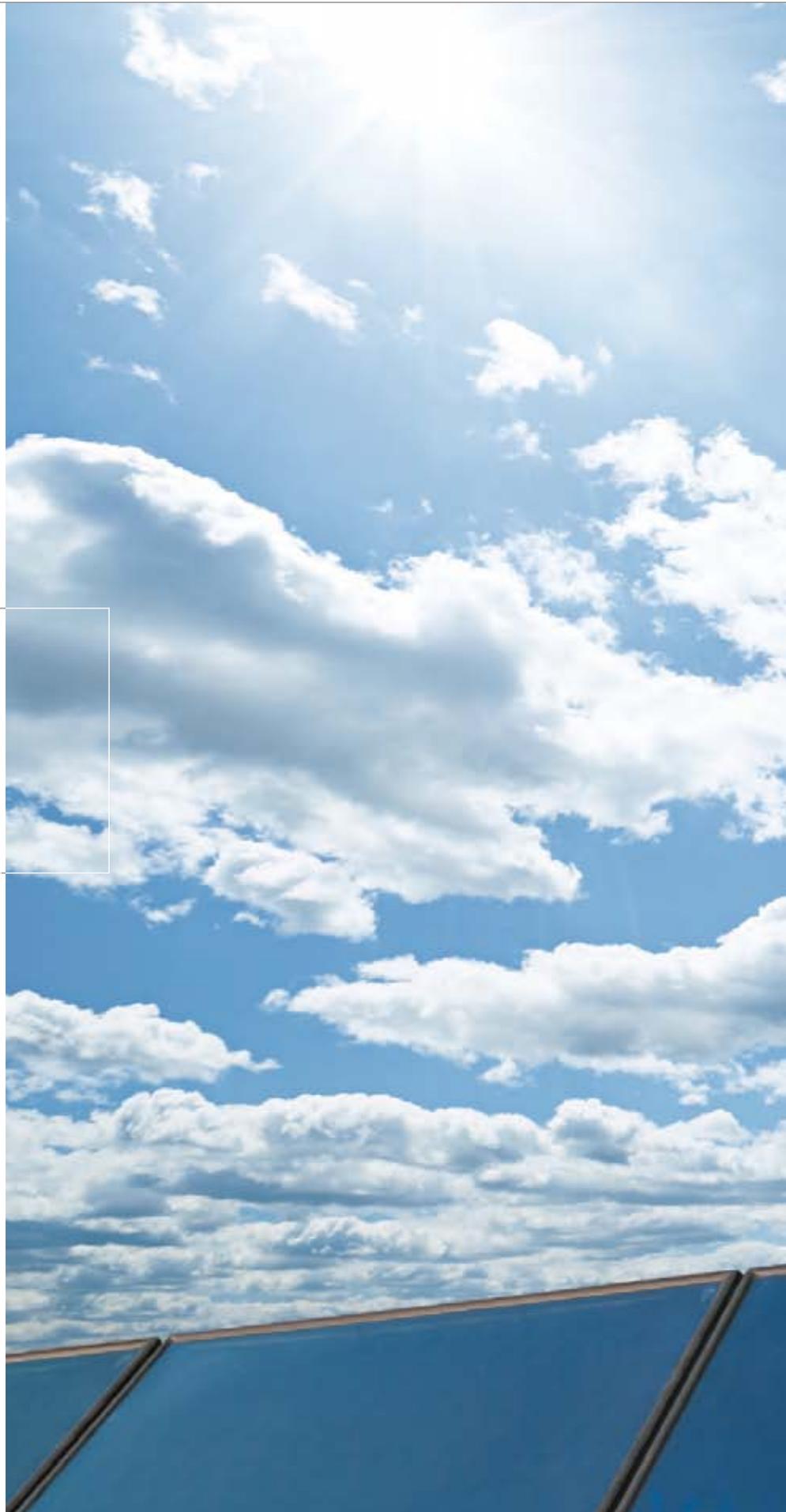
to the market was well-prepared. It was preceded by careful observation of the market in the first phase of the boom, personnel underwent training to ensure that they met Weishaupt standards and the entire range of system components – water storage tanks, valves and control units – had to be available from the start. This full-on market presence hit the industry with some considerable force and sales figures rose rapidly.

This technology, which draws heat from the earth, ground water or the air, uses 75% regenerative energy. The remaining 25% is the electricity used to operate the system.

Weishaupt is building on resources which can be summed up with these words: environmentally friendly and inexhaustible. ■

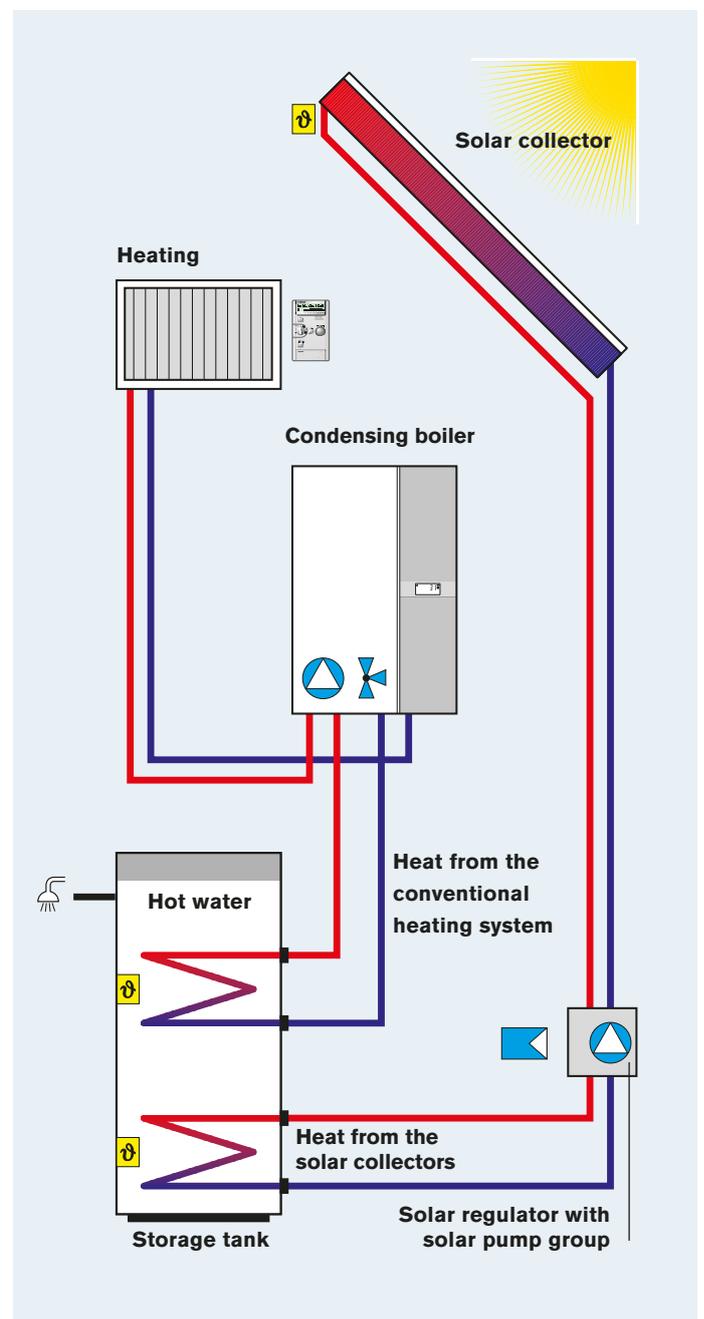
■ inexhaustible

**The energy source in the sky:  
Sun collectors capture free and  
inexhaustible heat – Weishaupt  
products offer high efficiency  
and durability.**





The components of a solar energy system for hot water and to support a domestic heating system: The heat is conducted from the solar collector via a controller and a pump to the hot water tank. If the heat from the sun is not sufficient, the water in the tank is also warmed by the conventional heating system (in this diagram a condensing boiler).



Solar energy is the technology of the future – a highly effective and environmentally-friendly component in domestic heating systems.



**Showcasing the most up-to-date heating technology: On top of the medical centre in Schwendi, which is next door to the Sofie Weishaupt Care Home for the Elderly, are 18 solar collectors (WTS-F) for heating water and supplementing the heating system; the heat is stored in four energy storage tanks (WES). Six gas-fired condensing boilers (WTC 60-A) operat in cascade in the boiler room. Everything is monitored and controlled by a Neuberger BMS system.**



**Warnemünde, a pioneering project: Three brine/water heat pumps extract heat from sea water**



**Everything supplied by Weishaupt: The subsidiary BauGrund Süd drills boreholes for heat pumps**

**Demonstrating problem-free operation in a real installation: In the heat pump centre in Schwendi, Weishaupt's partners from the specialised trades can find out about the whole system: a brine/water heat pump with hot water tank and hydraulic connection.**



Weishaupt offers heat pumps in many output sizes - this is technology that protects our energy resources and the climate at the same time.



local

Siegfried Weishaupt was once asked in an interview “What is it that distinguishes a company from its competitors?” He answered: “The service it provides.” Then came the next question: “Isn’t that what all the top suppliers in this industry say?” “Of course, but customer service must be more than just a promise. It’s the facts that count.”

It is indeed important in the combustion and heating industry for the service network to cover a wide area and to function reliably – choosing the correct product and the reliable functioning of that product are particularly significant. Advice, planning, installation and maintenance at an almost unbeatable standard – this has been Weishaupt’s ambition throughout the decades. “A burner is only as good as the customer service that goes with it” – an iron law for the company founder Max Weishaupt.

vice engineer in Holland who is lowered to the deck of a deep sea oil platform in a wire safety cage as a storm blows because a burner needs a new part. Or the crew of engineers that services 42 burners simultaneously and in precise coordination at the BMW factory in Leipzig so that production does not need to be halted. Service in a Chinese desert, at the edge of glaciers in Greenland, on the top of the Zugspitze – or in the millions of households in cities and in rural areas which depend on being able to heat the space within their own four walls. Weishaupt is on its way to you.

On the one hand, the company provides a service facility that is organised as faultlessly as it can be, and on the other hand, there is cooperation. Weishaupt’s close collaboration with its partners in specialised trades is considered pioneering in the industry. Numbering several thousands,

**Service and training. More than ever, customer service is crucial to market success. Working with partners in the specialised trades and in its training centres, Weishaupt is taking a pioneering role and is setting standards for the industry.**



The facts: Weishaupt has about 400 of its own engineers constantly on the road in Germany serving the needs of its customers. The service network tightly encompasses all branch offices. The foreign subsidiaries also fulfil the same conditions for customer proximity with around 300 service engineers. The representative offices and agencies also meet the high demands of the Weishaupt organisation with customer service employees numbering almost 500. Weishaupt has a fleet of 1000 service vehicles equipped to deal with any eventuality at any location. No new product is ever shipped out without full service provision already in place. The company never enters a new market without the ability to offer premium service.

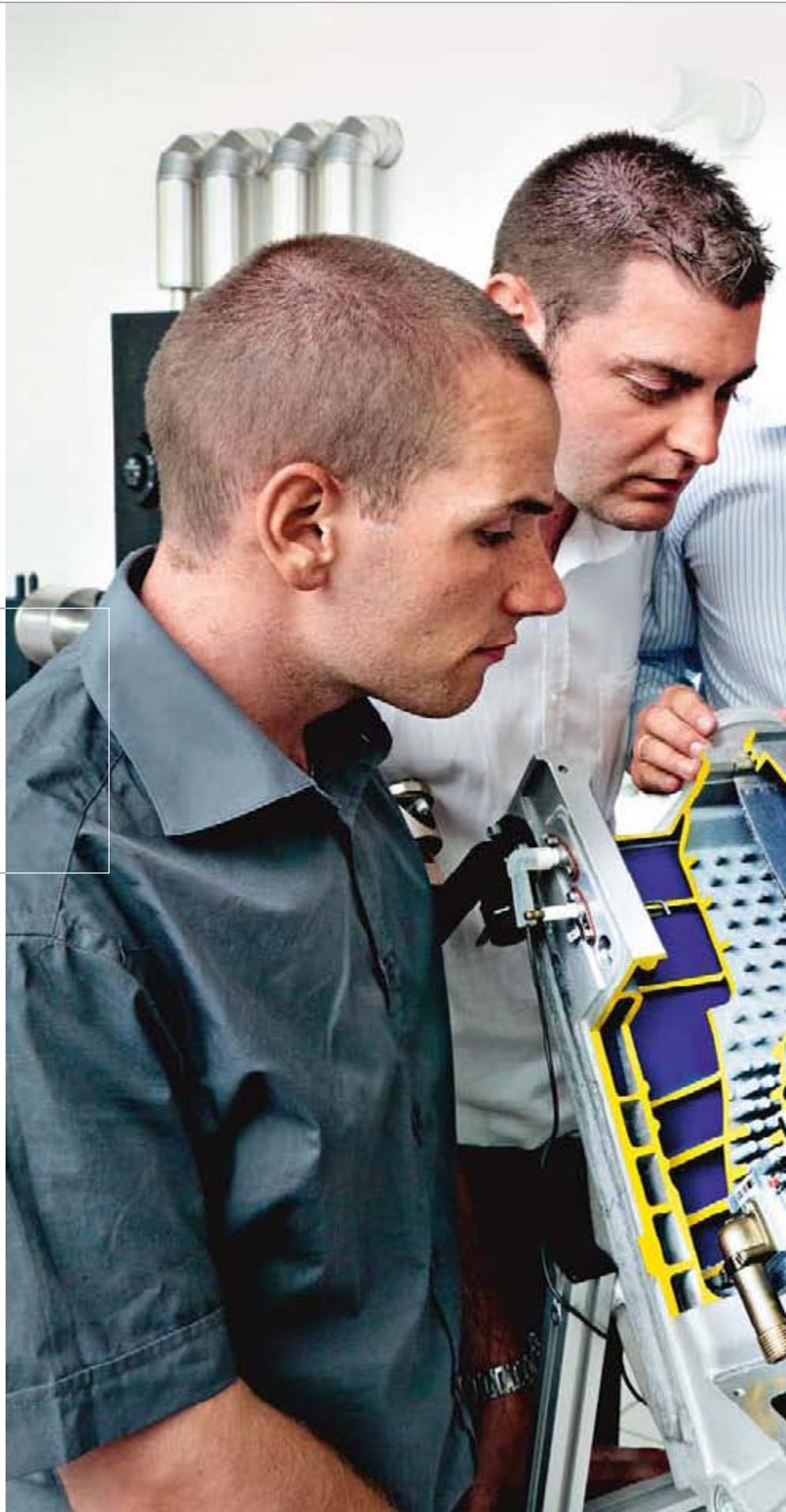
It is easy to say and promise all this, but it only happens with a great deal of work and effort. Weishaupt undertakes this work and makes this effort – no matter what the circumstances are: For example, the ser-

vice they form a network that ensures immediate proximity to the customers. If heating engineers need advice or help on site, then they can be confident that they can turn to the service team at Weishaupt.

The central link in this cooperative venture is the technical training available at the factory, in branch offices, international subsidiaries and at many support centres abroad. As technology becomes increasingly complex, Weishaupt’s knowledge base provides clarity – for all products and applications. No new product line without 100% support from the Service Department? The training centre for heat pumps in Schwendi is an example – unmatched by our competitors.

Local – it’s the facts that count. That’s how Weishaupt does it. ■

**New technology, new knowledge:** In Schwendi, a Weishaupt trainer (on the right in the photo) explains the detailed structure of a gas-fired condensing boiler to technical salesmen from France.





**Demonstrations in perfect surroundings: The Training Centre in Schwendi is equipped with the latest WM burners. Monitors visualise settings on the control instruments.**



**Full information: A representative from the Training Department at Neuberger explains to a customer's employee how to use the building automation software.**



**High standards also apply in Brazil: The newly built burner training room at the subsidiary near São Paulo meets all requirements for supplying comprehensive information.**





**Showcase Schwendi: The Training Centre for heat pumps is fully equipped and enables training for all the heat pump models, irrespective of whether the source of heat is the air, water, the earth or ground water.**

Knowledge is crucial: Weishaupt training is first class – in Schwendi, in branch offices and at foreign subsidiaries.

Trade fairs and campaigns: Weishaupt engages and informs – personal contact is what counts.



Munich branch: A Weishaupt speaker tells customers about heat pump technology



SHK trade fair in Moscow: Novotherm, the Weishaupt agent in Russia presents the products

Engaging with the public at the ISH: A Weishaupt employee demonstrates technology to visitors from Schwendi.



Maintenance and advice: The Weishaupt experts are always available for their customers – anytime, anywhere.



A drilling platform in the North Sea: This installation seems not to be part of our world, yet it lies within the area served by the customer service team – service is necessary, under any conditions and whatever the weather.



Service Hotline in Schwendi: Technical advisers in the Research and Development Centre never leave customers without an answer.



At your service all over the world: There is no limit to the distances that service engineers from Weishaupt will fly with their tool kits.



Everything on board: Weishaupt service vehicles are fully equipped; one third of the equipment is just for heat pumps.

perfect in form

From the gallery, one's eye is drawn to cubes, columns and cylinders and to weighty exhibits which seem to float above the plinths. The high glass frontage opens up the hall to the brightness of the day, the gleaming white walls reflect the light. The beautiful simple lines of the housing of the machines on display harmonise with the interior design of the building; the bright red of the industrial burners provides the only counterpoint. Also drawing in the natural surroundings, this is the view that greets visitors to the Weishaupt Forum on the factory site in Schwendi.

A meaningful view: At Weishaupt, the perfect design of the products and the architecture are closely linked, forming a single unit. Stylishness is as much a characteristic of the company as technological knowledge and precision production – it is of equal importance, not just a beautiful

city and advertising materials.

Feast your eyes on the Weishaupt world: Let us first look towards Denmark, where in 2008 a new building was opened in Fredericia in East Jutland. This building has style and confidence and references the Forum in Schwendi with its white angular facade elements. And now to Brazil, where in 2009 the subsidiary company moved into headquarters near São Paulo; this building also stands out with the clarity of the Weishaupt style. Like the showcase house in Geroldswil in Switzerland, both buildings can be seen from the motorway. The successful architecture of the glass rotunda in Brussels claims the attention of every visitor and passer-by, as does the branch office in Hanover, completed in 2007 and designed by the Munich architect Maximilian Weishaupt, a brother of Siegfried Weishaupt. These are just four exam-

**Product design and architecture. The maxim that form and function go together has characterised Weishaupt's image – the buildings and the products seem to be cast from the same mould and are of a timeless modernity.**



adjunct, or an end in itself.

Long before the terms “corporate identity” and “corporate design” had become bywords in the business world, the development of an integrated image was part of the corporate culture at Weishaupt. Architecturally, the straight lines of 1950s design set the tone. This soon propagated into a line with many parallels. The product design, which was brought to Schwendi by the legendary Ulm School of Design, soon followed suit. The key words here were “Bauhaus tradition”. Finally, the world-famous architect Richard Meier was engaged to design the Forum, the House of Light, in a contemporary Bauhaus-derived style.

Today the Group appears to have been cast from the same mould, even beyond the main complex in Schwendi, as demonstrated by the architecture of many buildings in Germany and in other countries, by the exhibition stands, and by the publi-

cles which represent many other buildings.

The list of design prizes and awards that Weishaupt has collected over the years for its products is long. The W burner series, the original model for which is part of the permanent collection at the Munich Museum for Applied Art, exemplifies the continuity of Weishaupt design: It is still possible to recognise the basic shape of the prototype in the W burners of today, although they make an overwhelmingly modern impression.

A well-thought out shape creates an identity and provides competitive advantage. This experience never changes: Siegfried Weishaupt, the owner of the Company, ensures that the clear lines are maintained – perfect in form. ■

perfect in form

**Harmonious design throughout:**  
The exhibition space in the  
Weishaupt Forum in Schwendi  
displays the company's products  
in beautiful juxtaposition with  
the bright, clear architecture.





The technical products look timeless and modern. The design, both simple and elegant, unites form and function.

**Picture book styling**  
The design of the new WM20 is also eyecatchingly harmonious. The new version of the Monarch burner appears even more compact and shapely.





Examining design on the visual test bench: Siegfried Weishaupt and Dr Klaus Lück, Head of the Development Centre, inspect the new design of the WK industrial burner – the boxy shape is now slightly rounded in interaction with technical modifications



A symbol of clarity: The floorstanding gas-fired condensing boiler is impressive without any decoration or superfluous detailing.

**Property owner and architect: Chairman Siegfried Weishaupt with Richard Meier, the American architect of the Forum in Schwendi.**



The Weishaupt Forum in Schwendi is a sculptural landmark, designed by the US architect Richard Meier – but it is also a fully functional building.



**Gleaming white building:** The Weishaupt Forum in Schwendi has many admirers. These include not only architecture experts, but also customers, employees and business associates. The building fulfills many functions in the day-to-day life of the Group and gives full expression to the corporate culture: Clarity, intrinsic value and functionality.



Straight lines extend beyond the entrance area: The Research and Development Centre is set up in this part of the Schwendi site

Light and transparent: Weishaupt's trade fair architecture references the Forum at the Schwendi site. This is a photo of the stand at the ISH in Frankfurt. The photo on the right shows the entrance to the administration building in 1956 opposite the external gallery of the Forum – a leap in time leaves the style unchanged.





The left-hand third of the building was erected very recently and had to be constructed around the new industrial flame tube.



Clear lines in every respect – the Research Institute, the trade fair architecture and the entrance hall in Schwendi appear to be cast from the same mould.

Every building  
erected by  
Weishaupt shows  
the bond with the  
Group and  
demonstrates  
style and  
confidence at  
home and abroad.



**Geroldswil near Zurich:** The well-known architect Theo Hotz designed the head office building for the Swiss subsidiary.



**The head office of the Brazilian subsidiary:** The complex is located near São Paulo (Architect: Roberto Loeb, São Paulo).



A structural business card in Denmark: The Danish branch office was opened in 2008 in Fredericia in East Jutland (Architect Lars Clausen of Copenhagen). Classically modern in style, its architecture references the Weishaupt Forum in Schwendi.



Brussels radiates light: The headoffice for the Belgium subsidiary was designed by architect Didier Oosterbosch



Solid and accessible: The branch office near Hamburg was designed by the Munich architect Maximilian Weishaupt.

tested

**F**irst class technology for the world: The Weishaupt Group serves millions of customers around the globe – in cities, in installations far removed from civilisation, in industrial locations and in administrative centres, in ancient monuments and huge stadia, on ships and oil rigs, at exhibition facilities and in hotel complexes and in countless private homes and small companies. The technical equipment from Schwendi, Sennwald and Rothenburg ob der Tauber is ubiquitous and tested across the whole range of outputs.

Spectacular installations are striking evidence of the durable nature of the machinery in daily use. For example, fully electronically controlled Weishaupt burners reliably provide heating at an altitude of almost 3000 meters on the Zugspitze. The station on the summit plateau of the highest German mountain stands fast

art with perfectly regulated combustion technology.

The journey around the Weishaupt world now takes a leap to petrochemical works in Russia, where high-efficiency industrial burners are used to generate heat for processing. Then it's down to Asia, where a newly constructed part of the Chinese city Xi'an with its eight million inhabitants is heated with technology from Schwendi.

At the same time, in the Gobi desert Chinese engineers are building a 4000 kilometre long oil pipeline to run alongside the Silk Road. Large burners from Weishaupt operate at the transport and intermediate stations. They need to withstand sand storms, heat, freezing nights and floods of rain. Asia and Australia, North and South America, Africa and Greenland: Upper Swabia offers a striking contrast on the return home. Nevertheless, the technology used

**Practical examples. Weishaupt products can be found in installations around the world: Wherever the location, the technology proves its worth. These spectacular examples are but a few of the millions of projects, both at home and further afield.**



against the weather with Weishaupt technology that has been put to the test many times over.

Rigorous demands of a quite different nature need to be met at the Neue Messe trade fair grounds in Stuttgart, where the network specialists from the subsidiary Neuberger put their skills to the test in a gigantic building project. The technical systems installed in the halls work perfectly together.

The biotechnology and pharmaceuticals group Novartis, which is one of the top ten such concerns in the world, engaged the American star architect Frank O. Gehry for its landmark building in Basel, which was completed in 2009, and chose building automation systems from Neuberger for their house of the future. Even the Gehry monument in Bilbao in Spain, the Guggenheim Museum, is equipped with Weishaupt technology – burners from Schwendi contribute to preserving the irreplaceable works of

in all these places is always of the same quality.

The real example closest to the main site is the new medical centre and care home for the elderly in Schwendi where gas-fired condensing boilers are connected in a cascade arrangement and connected to solar energy systems and building control technology. The building is a showcase for efficiency and complex heating technology.

Weishaupt has also done some pioneering work together with the local specialist companies close to a branch office in northern Germany, near Rostock: Weishaupt heat pumps extract energy from the water of the North Sea to heat and to cool an apartment house in Warnemünde.

Every customer, even those with unusual projects, knows that the products from this company are tried and tested.

■ tested

**The highest heating system in Germany. The buildings on the summit of the Zugspitze are kept warm with technology by Weishaupt – two WL40 oil burners with full electronic regulation.**



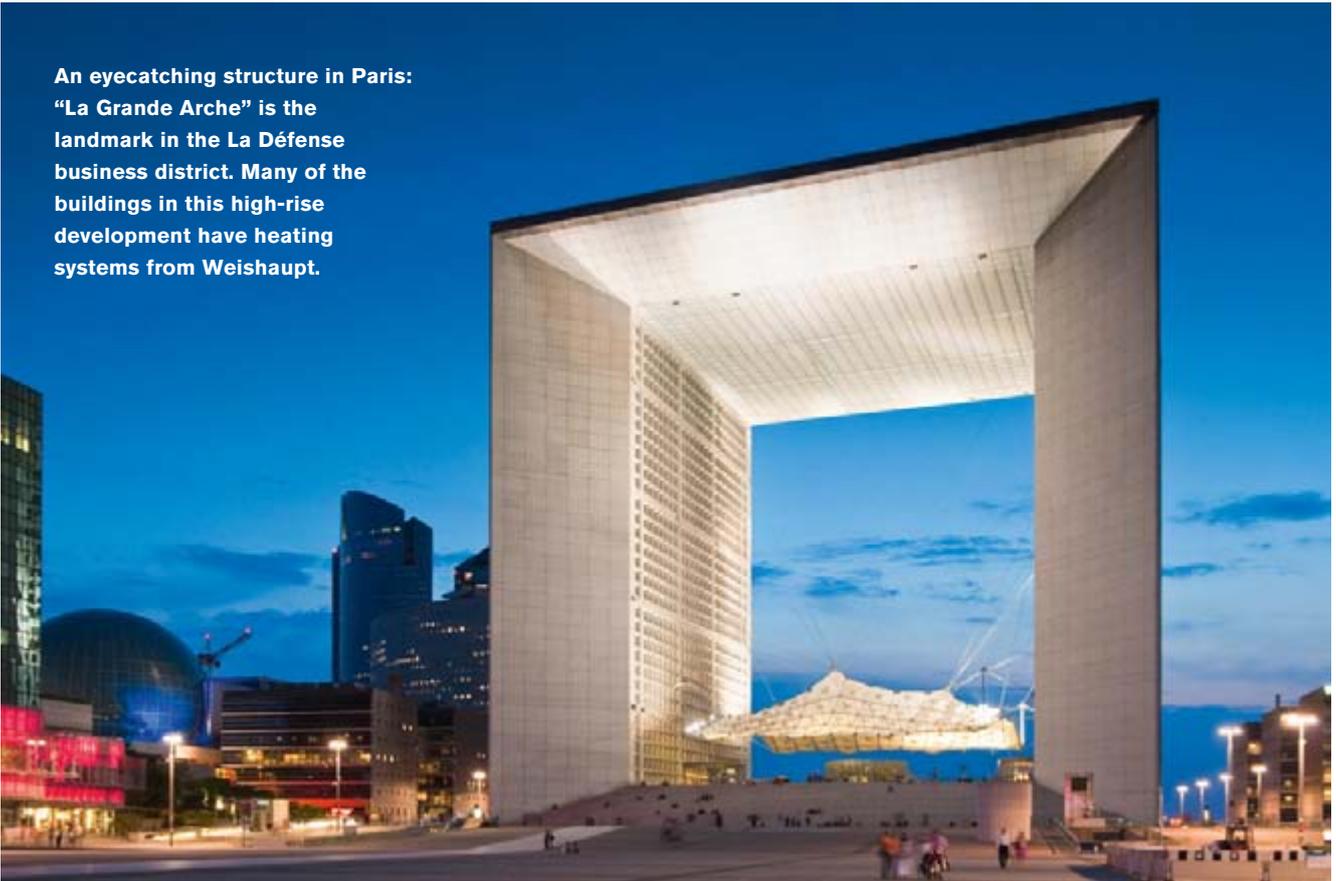




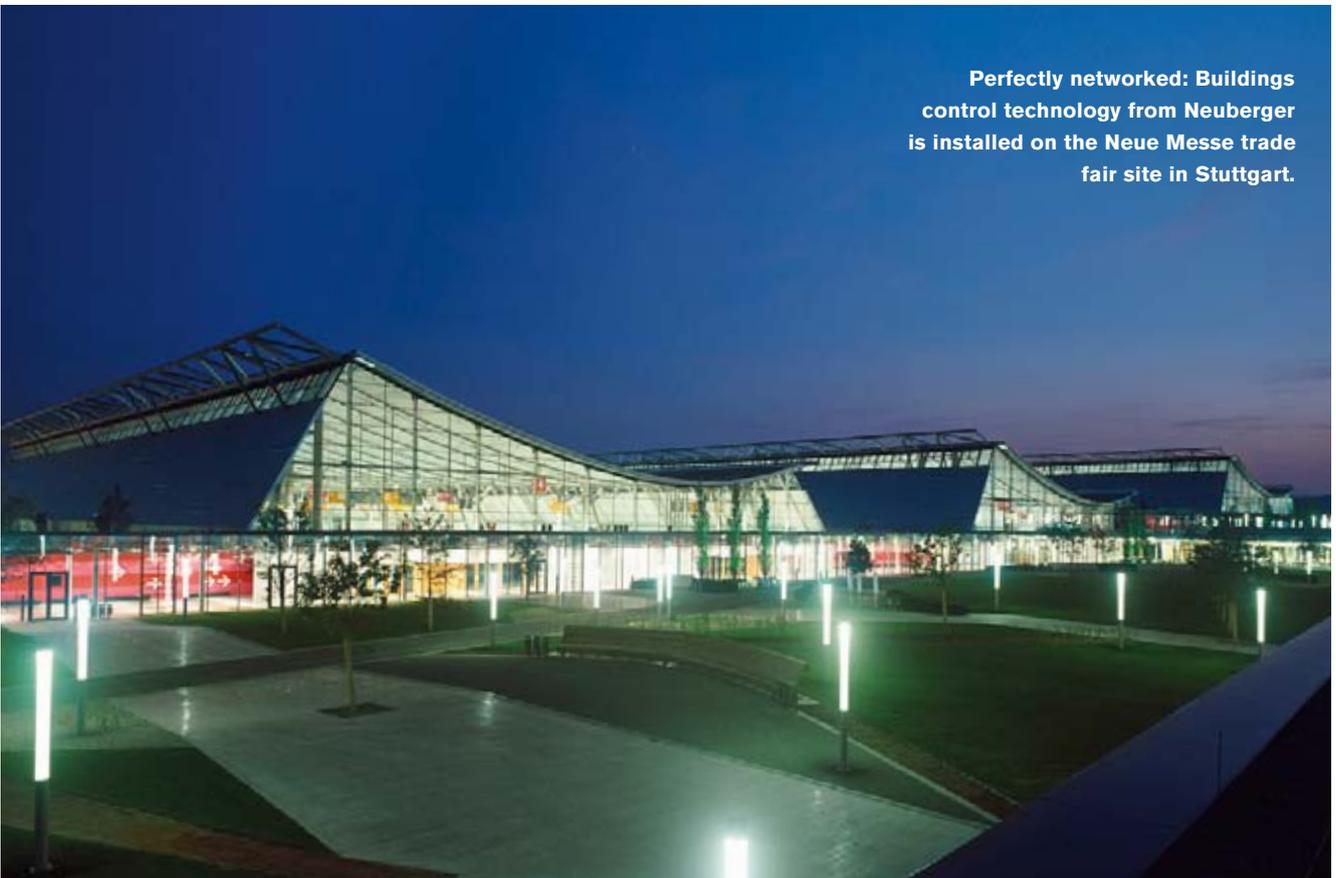
Products from Weishaupt provide heat and the intelligent network of technical systems in buildings – in historical and in the most up-to-date constructions.

**Weishaupt heating for a world heritage site: Neuschwanstein Castle is equipped with burners from Schwendi, as is the Sistine Chapel in Rome, with its monumental ceiling painting by Michelangelo.**

An eye-catching structure in Paris:  
“La Grande Arche” is the  
landmark in the La Défense  
business district. Many of the  
buildings in this high-rise  
development have heating  
systems from Weishaupt.



Perfectly networked: Buildings  
control technology from Neuberger  
is installed on the Neue Messe trade  
fair site in Stuttgart.



**High in the sky:**  
The Zeppelin University in Friedrichshafen in Baden-Württemberg has installed its heating and hot water plant on the roof. Gas fired condensing boilers from Weishaupt in cascade operation provide pioneering heating.



**Firmly grounded and away at sea:** Both the Royal Albert Hall in London and the cruise ship "Aida" are fitted with burner technology from Weishaupt – their heating requirements are fully covered.

Condensing boiler technology, heat pumps and large-scale burners are in operation throughout the world – some play a part in a pioneering project such as that in Warnemünde.



**Warnemünde, a showcase installation: The “Strandläufer” (“Beachcomber”) apartment house is the location of a pioneering project. Heat pumps from Weishaupt extract energy from the waters of the North Sea for heating and hot water and to heat the swimming pool. The services to the house are controlled with technology from Neuberger.**



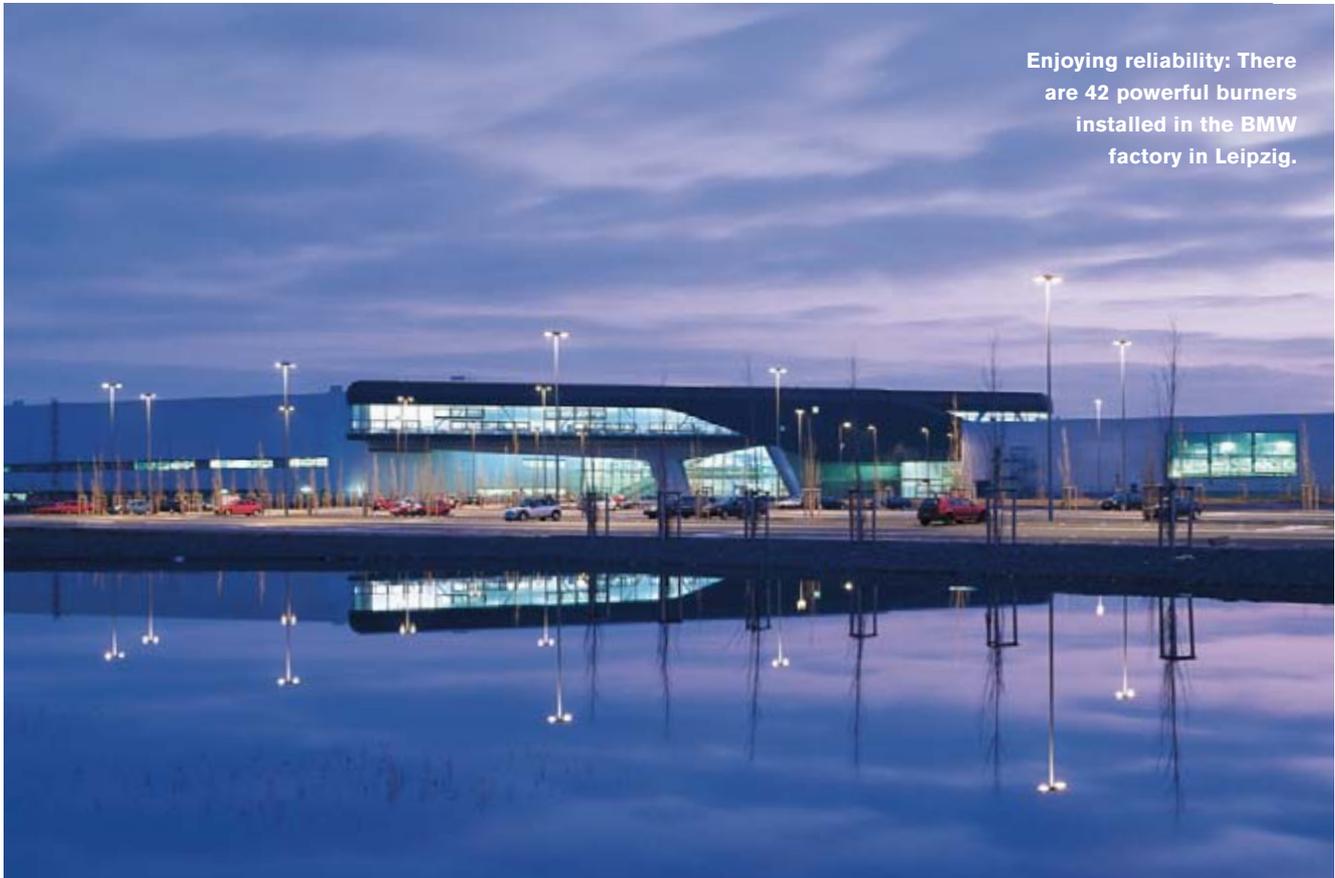


Whole city districts,  
administration buildings,  
industrial businesses and  
countless family homes – First  
class technology from Schwendi  
is installed in all of them.

**Heat generation on a large and a small scale. Seven Weishaupt burners supply 50000 people in a newly constructed district of Xi'an, a boomtown in Central China. The life led by the Gmurr family in Sargans seems quiet in contrast: One low-pollution boiler from Weishaupt serves their heating needs economically and reliably.**



**The intelligent building: The Allgemeine Kreditversicherung insurance company in Mainz uses control technology from Neuberger in its buildings.**



**Enjoying reliability: There are 42 powerful burners installed in the BMW factory in Leipzig.**

human

The primary duty of a company is without a doubt to maximise its value.

However, when profit making becomes the sole doctrine, the business world divests itself of responsibility for society. This has become a hotly-discussed subject for our times. Weishaupt has always accepted this responsibility. Although a global operation, it is also a family-run company with deep roots in its local region and it sees itself as a part of and also a source of strength for the wider community. Commitment to society is a personal concern for the Chairman, Siegfried Weishaupt, which he expresses simply: "As an entrepreneur, I have a duty to many people."

The mandate to act considerately towards other people applies first within the company. For example, the company pension scheme more than fulfills the legal requirements and ensures that many em-

social and cultural facilities in the area around the factory and in the region. Most recently, the construction of the Medical Centre and the Sofie Weishaupt Care Home for the Elderly, which is named after the current Chairman's mother, will provide the people living in and around Schwendi with better medical and care facilities.

The entrepreneur's social commitment extends far beyond the parish boundary. Siegfried Weishaupt also holds numerous offices. "I have felt a growing obligation in past years to take on public duties and personal responsibilities for certain institutions," he says. For example he was President of the Ulm Chamber of Industry and Commerce for over a decade, from 1993 - 2003.

Prestigious awards reflect the attitude of all the generations of the Weishaupt family towards making a contribution to the

**A commitment to society. Weishaupt has also imposed an obligation on itself to take on responsibility outside of the company. This attitude is part of the company's tradition and is now being carried forward by Siegfried Weishaupt.**



ployees and their families can look forward to their retirement.

The exceptionally close bond between the company and its employees is also demonstrated by the loyalty of the workforce: Employee turnover is low and it is not unusual for staff members to work for Weishaupt for 25 or 40 years. In return, the Chairman's commitment to the main factory in Schwendi is firm, despite the globalisation of the business world, which is company loyalty from the entrepreneurial point of view.

The responsibility felt within the firm is also apparent in outside activities. The photograph of school children on the following two pages symbolises the feeling of local and regional community: The company founder Max Weishaupt was instrumental in setting up the secondary school in Schwendi and his son and successor Siegfried Weishaupt has of course continued to support it. Weishaupt sponsors many other

general good. Max Weishaupt received the Order of Merit of the Federal Republic of Germany, 1st class and was appointed Honorary Senator of the University of Tübingen. In 2005, Erwin Teufel, the former President of Baden-Württemberg, awarded Siegfried Weishaupt the Order of Merit of the Land of Baden-Württemberg. In his laudatory speech, the President praised the "cautious entrepreneur" whose pronounced sense of responsibility had also manifested itself in his "outstanding commitment to culture as a collector of modern art and in commissioning important architects".

There is no question: Humanity is very much a part of the Weishaupt profile. ■

One instance that sets a shining example is the foundation of the Max Weishaupt Secondary School by the founder which the company continues to support today.







A gift to the parish of Schwendi: The Medical Centre and Sofie Weishaupt Care Home for the Elderly (photo shows the General Practice team) are extremely well equipped.

Typical of Siegfried Weishaupt are  
“industriousness, social responsibility,  
daring and farsightedness...”

according to Business editor Rolf Dieterich in his book “Zwischenbilanz” (Interim Report).



An honour for Max Weishaupt: here the company founder receives the papal Order of St. Sylvester.



An honour for Siegfried Weishaupt: After his period in office as President, a lecture theatre at the Chamber of Commerce and Industry was named after him.



**Close ties: Getting together is very important at the family-run Weishaupt company. At the end of each year, many employees receive awards for 25 or 40 years service with the firm. Loyalty to the company is exceptional.**

Typical of the Swabian entrepreneur:  
“Cosmopolitan, yet retains close ties  
to the region.”

Business journalist Rolf Dieterich



**Hospitality:** The Hotel Oberschwäbische Hof in Schwendi is another widely known Weishaupt enterprise.



**Everyday culture:** Max Weishaupt opened the cinema in Schwendi in 1960; Siegfried Weishaupt maintains the period legacy.



**Views of the parish:** To keep the church in the village, Senator Max Weishaupt became involved in its renovation. The “onion dome” of the Baroque building can be seen from the factory site and appears to be referenced in the rounded shape of the Weishaupt Forum.



**Research and Development:** Siegfried Weishaupt is trustee of the Zeppelin University in Friedrichshafen.

experienced

No other product encapsulates the long years of experience in heat generation quite so well as the Monarch burner with its bright red housing, even though the company has long grown beyond it with quite different product lines.

The legendary and superior model named the Weishaupt Monarch, abbreviated to WM, marks the start of burner manufacture in 1952 and continues to hold its own against global competition today. Over approximately six decades, the engineers and developers have invested the steadily growing stock of knowledge gathered by the company in this burner. Its most recent manifestation on the market was a highly efficient and powerful machine which offers more than five megawatts of output and is fully electronically controlled. The Monarch has been supplied in countless variations and special models. It represents

centrate the technical experience in one place. Specialists grew up in the presence of this knowledge and were able to improve their skills in the service of the company and pass them on.

Before Siegfried Weishaupt took over the company completely, he, a graduate engineer, was Head of the Development Centre. Working here, being actively involved in this process of gaining experience, was and remains a dream job in the industry for technicians and engineers.

Bit by bit, in tandem with the technical experience, business and manufacturing knowledge also grew. Branch offices and subsidiaries abroad came on board, manufacturing processes were constantly modernised to allow more efficient and more precise manufacture of a wide range of components in house. New business areas extended the experience of the company,

**Company history. Weishaupt is a long-standing company with experience gathered over almost 60 years. This knowledge is based on technical expertise and has been acquired in every business area in which the company engages.**



a treasure trove of experience from which many other of the company's products have benefited.

The groundbreaking multiflam burner, for example, a patented in-house development from the Research Institute is based on the same basic combustion principle – however inventive technical combinations and design features have led to astonishing results in reducing pollutants.

In Zwiefalten in Upper Swabia, where the first multiflam burners were installed at the end of 1998, documents kept over the subsequent years show how consistently this pioneering technology does service. The emission limit for Nitrous Oxide (NO<sub>x</sub>) has never been exceeded. Here field tests confirm the experience on site.

It was the company founder who initiated the accumulation of knowledge at Weishaupt. With the foundation of the Development Institute on the factory site in 1962, Max Weishaupt was able to con-

which soon grew into a group. Construction of boilers at the cutting edge of technology has been part of the company's expertise for over 20 years. Solar energy systems and heat pumps have been added to the product range.

About 15 years ago, a second centre of knowledge was created in the company in the form of the subsidiary Neuberger which has links to the Development Institute in Schwendi. The highly specialised planners and technicians in Rothenburg in Germany can draw on many years of experience in building control technology which was acquired before the company joined Weishaupt.

Experience is a factor for success that makes a considerable difference at Weishaupt. ■

■ experienced

**Insight and experience: Siegfried Weishaupt explains some of the technology in the Research Centre to Erwin Teufel, the former President of Baden-Württemberg at the company's anniversary in 2002.**







The original headquarters in Schwendi in 1957: On its 25th anniversary, the company has 200 employees and is already the largest industrial operation in the River Rot Valley.



Opening caught on camera: 1962 was the inaugural year for the Research and Development Institute in Schwendi.

Milestones in the development of the company: In 1932 Max Weishaupt founded his engineering workshop in Schwendi, 1952 saw the start of burner manufacture, 1953 first agency in Augsburg, 1960 first subsidiary founded in Paris, 1962 Research Institute inaugurated in Schwendi.

Top class products from Weishaupt – developed and brought to the market from 1952 to the present day.



1952: The Monarch oil burner is manufactured under licence.



1961: The U burner is the first to be developed completely in-house.



1964: The W1 is the first in a new generation of burners.



1967: The U3 burner is a masterpiece of technology and design.



Hanover Trade Fair 1966: Company founder Max Weishaupt talks to Chancellor Ludwig Erhard at the Weishaupt stand.



1972: The new large WK burner complements the product range.



1977: The zero series of the purflam oil burner points the way forward.



1980: The technology and design of the Monarch burners are reworked.



1989: A successful start to boiler construction with the Thermo Unit.



1995: Neuberger Gebäudeautomation joins the Group.

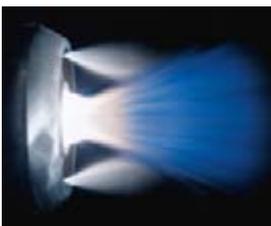


Production at the Sennwald factory in Switzerland: Serial manufacture of heat exchangers for condensing boilers



Production at Neuberger Gebäudeautomation: The company also manufactures control panels.

Man and machine:  
Complete functional controls, high-tech  
manufacture, precision handling of the  
technology – the interplay of these  
factors has been perfected since the  
company was founded.



1998: Development of the groundbreaking multiflam line of burners.



2001: The first condensing boiler (WTC-A).



2001: First solar energy products with the WTS-F system.



2002: All model sizes in the classic W-burner range are now equipped with digital combustion management.



High-tech production at Schwendi: A precisely shaped flame tube for an industrial burner is taken from the press.



2005: The purflam principle experiences a comeback with new technology.



2005: The WM burner series is launched on the market.



2007: Weishaupt introduces a new series of heat pumps which amount to a complete range right from the start.



2008: The WTC-OW oil condensing boiler comes onto the market.

forward-thinking

Compatibility with the environment, economy and provision for the future – these three issues form a triangle in which the discussion about our future takes place, with shifting priorities and consequences. It is certain that now more than ever it is important to reduce the pollutants that damage our climate and our environment to a minimum. This goal is pursued on the one hand by developing efficient technologies which reduce the use of fossil fuels such as oil and gas and cut emissions. On the other hand, more and more regenerative heating technologies are being used.

Weishaupt stands at the centre of this triangle. Across the board, the company is helping to protect the climate, the environment and our resources with highly efficient and pollution-reducing products. Heat pumps and sun collectors complete the

**Responsibility. Weishaupt acknowledges its responsibility to make a contribution towards combating the global climate and environmental problems. Ultramodern heating and control technology supplied by the company has great potential to do so.**



range for the right energy mix from Weishaupt. They are complemented by building control technology which no other company in the industry offers as a separate product area within a group. It allows all the technical building systems to be controlled and regulated in an optimised network. The result is primarily efficiency.

Chairman Siegfried Weishaupt has underlined the responsibility of his company on many occasions: "There is as little place in the discussion about the environment for appeasement or indifference as there is for scaremongering. We need to do all we can to get the climate problems under control, without playing ecological and economical issues off against each other. Weishaupt is concentrating on the technology which can be made available now and which will continue to be useful into the future.

That is the Weishaupt way: realistic and at the same time forward-thinking. ■

**Global duty: Politics and industry are called upon to protect life on our planet. New and optimised technologies will help to secure the future.**



Protecting the climate, the environment and  
resources – Weishaupt offers  
heating technology for a safe future.



# Products and services

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## W-burner up to 570 kW

This compact model series has proved itself a million times over. It is economical, reliable and durable. Oil, gas and dual fuel burners for houses, apartment blocks and commercial premises. The purflam burner with its special mixer burns oil almost completely soot-free and and NO<sub>x</sub> emissions are significantly reduced.

## monarch<sup>®</sup> and industrial burners up to 11 700 kW

The legendary burner for industrial applications: tried and tested, long-lasting and easy to operate. Oil, gas and dual fuel burners for central heating systems.

## WK industrial burners up to 22 000 kW

A modular system with muscle: adaptable, robust and powerful. Oil, gas and dual fuel burners for industrial plants.

## multiflam<sup>®</sup> burner up to 17 000 kW

Innovative Weishaupt technology for large burners: minimum emission values particularly for outputs exceeding one megawatt. Oil, gas and dual fuel burners with patented fuel distribution.

## Gas-fired condensing boilers up to 1200 kW

The innovative gas-fired condensing boilers WTC-GW and WTC-GB: efficient, low pollution and versatile. Ideal for apartments, houses and apartment blocks. And for large-scale heating requirements as a floor standing gas-fired condensing boiler with up to 1200 kW output.

## Oil-fired condensing boiler systems up to 30 kW

The new wall-mounted oil-fired condensing boiler system WTC-OW and the traditional floorstanding oil-fired condensing boiler system Thermo Unit meet the highest demands for convenience and economy.

## Thermo Unit up to 55 kW

The Thermo Unit heating systems in cast iron or steel: modern, economical and reliable. For energy-saving heating in houses and small apartment blocks. Fuel: gas or oil as required.

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## Building automation technology

With its subsidiary Neuberger Gebäudeautomation Weishaupt covers the whole spectrum of modern instrumentation and control technology. Future oriented, economical and flexible.

## Solar energy systems

Energy from the sun: perfectly coordinated components, innovative and tested. Elegant flat collectors to support heating and domestic hot water systems.

## Water heaters/ energy storage

up to 55 kW

The attractive range of products for domestic hot water systems includes traditional water heaters, solar storage tanks, heat pump storage tanks and energy reservoirs.

## Heat pumps

The heat pump range offers solutions for using heat from the air, from the earth or from ground water. The systems are suitable for renovations or new installations.

## Ground source heat systems

Weishaupt offers the whole range of services for installing ground source heat systems through Baugrund Süd GmbH. Drilling at a fixed price and ten-year guarantee underline Weishaupt's intention to become a system supplier offering high quality and reliability.

## Service

Product care and customer service complete the full range of deliverables from Weishaupt. Weishaupt customer service is available all year round, 24 hours a day. We are there when you need us. Wherever you are.

## Photo credits

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