Wood heating systems from 100 to 1250 kW
Why heat with wood?

The rising costs of fossil fuel and increasing environmental awareness have resulted in an ever-rising demand for renewable forms of energy. Advanced wood heating systems are an environmentally responsible and economical alternative (or addition) to conventional fossil fuel heating systems.

**Sustainable**
When wood is “harvested” from sustainable forestry, it is a renewable and environmentally friendly source of energy and an important part of sustainable resource management.

**CO₂ neutral**
When wood is burned, only as much CO₂ is released as the trees have absorbed during the course of their life. That’s why heating with wood is CO₂ neutral.

**Economical**
Wood as an indigenous fuel is also very affordable and not subject to wide price fluctuations.

**Top technology and reliability**
Advanced biomass systems operate fully automatically and are equipped with control and safety devices for a reliable, efficient and safe operation.

**Home-grown and independent**
Wood is a home-grown product, harvested using a minimum amount of energy and it contributes to regional economies.
What types of wood can be used?
Köb wood heating systems can be operated using a wide variety of untreated, high quality wood fuels with different calorific values, required storage capacity and costs.

The type of fuel you choose depends primarily on the amount of storage capacity available, the facility’s requirements and the availability of that type of fuel in your area. Since the quality of the fuel influences the efficiency and life expectancy of your system, you should choose good-quality, untreated wood with a low moisture content.

How economical is wood heating?
With a biomass system, approximately 50% of the total operating costs are accounted for by fuel costs. Therefore, choosing a high performance wood boiler and using high quality, affordable wood fuel are crucial to optimising the economy of your system.

Although the initial outlay for a biomass system can often be greater than for a conventional heating system, the savings made on fuel costs per heat unit lead to an amortisation of the higher investment outlay within a relatively short period of time. Your biomass system will operate as efficiently as a heating system for fossil fuels. However, since your fuel is from an independent and home-grown source, your fuel costs will fluctuate less severely compared with conventional fuels.

Is wood heating safe?
Absolutely! Today’s wood heating systems are just as safe and as reliable as oil/gas heating systems. Equipped with advanced safety and protection features and digital control, the system is closely and extensively monitored and regulated – from the supply of fuel through to the heat transfer and ventilation.

Do wood heating systems provide clean combustion?
Yes! Advanced wood heating systems achieve similar emission ratings as the leading heating systems for fossil fuels. What’s more, heating with wood is CO₂ neutral. Köb wood heating systems meet the strict regulations set out by the European Anti-Pollution Act.

Where can wood heating systems be used?
Köb wood heating systems are ideal for commercial and industrial use, such as in schools, hospitals, district heating networks, wood-processing plants, etc. They supply either the entire heating energy for your site or the base load if it is being operated together with an oil/gas boiler for peak loads. Thanks to our comprehensive product range, you can expand your biomass system to create a fully integrated system with Viessmann solar thermal, oil/gas boilers and individual control technology.
**Pellets**
Pellets are the most compact form of wood energy and offer a high calorific value.

**Shavings**
Untreated shavings from sawmills and joineries.

**Woodchips**
Woodchips are pieces of chipped natural wood, with or without bark.

**Mixed wood**
Untreated mixtures of woodchips and shavings are classified as mixed wood.
Wood heating systems from 100 to 1250 kW

PYROT
PYROTEC
Wood boilers with rated output from 100 to 1250 kW.

With the Pyrot, a wood boiler featuring rotation combustion, Köb supplies what is currently the most advanced combustion technology in the medium output range. This is supported by a patented low particle combustion system for pellets and woodchips. This technology was awarded the Austrian Innovation Prize. To complement these boilers and the comprehensive system range, a metal mesh filter is also available for the output range up to 540 kW. With the aid of this metal mesh filter from Köb, the Pyrot achieves emissions values of below 10 mg/m³, which gives it the top position in the market. The Pyrot is designed for dry fuel (pellets or woodchips) with a maximum water content of W35. Given these requirements, this wood boiler can fully take advantage of its technical innovations.

The Pyrotec wood boiler combines the benefits of underfeed combustion with those of infeed grate combustion in an ideal way. This boiler is suitable for different types of wood fuel – from pellets (W10) to moist woodchips (W50).

The fully wired Ecotronic control unit offers outstanding operating convenience for a total system of up to 13 heat consumers. The Pyrocontrol was developed for multi-boiler systems.

Proven discharge systems – from the pellet screw via spring core/horizontal discharge systems to the hydraulic push floor – enable reliable charging with the respective fuel.

The extensive range of accessories supplements a comprehensive system that is adapted to meet the needs of each individual customer.
Innovative wood boiler with rotation combustion from 100 to 540 kW. For wood fuels with a maximum water content of 35%.

With its patented rotation combustion, the Pyrot boiler represents state of the art wood combustion. A charge screw continuously guides the wood fuel onto a moving grate where the fuel combusts (with the primary air supply accurately regulated by means of a Lambda probe). Continuous gasification takes place under air starvation. A rotary fan is used to mix rising combustion gases with the atomised secondary air displaced by the rotary motion. This ensures thorough mixing with the combustion gases.

Clean and efficient combustion
The proven combustion technology in the Pyrot achieves similar emissions ratings to those of an advanced gas combustion system and keeps the release of CO, NOx and dust particles to a minimum, subject to fuel type. The combination of combustion technology and digital modulating output control enables efficiency levels of up to 92%.

Mobile containerised heating centre
Pyrot wood boilers are available as containerised complete solutions for applications where no boiler houses are available or where the on-site building costs have to be kept to a minimum. This complete solution incorporates the pre-assembled wood boiler inside a special container with all ancillary devices. Individual container solutions can be specially adapted to meet your needs.

Pyrot
1 Secondary air controlled with rotary fan
2 Ash removal
3 Fully moving grate
4 Charge screw with separating barrier
5 Ignition fan
6 Regulated primary air supply
7 Rotation combustion chamber
8 Two-pass heat exchanger
9 Safety heat exchanger
10 Pneumatic pipe cleaning
11 Flue gas recirculation
12 Vacuum fan with Lambda probe and temperature sensor
Take advantage of these benefits

- High efficiency levels (up to 92 %) and low emissions through regulated primary and secondary air supply and low particle combustion
- Two-pass heat exchanger and modulating output control (4:1 modulation range)
- Automatic ignition prevents having to maintain the incandescent bed and saves fuel
- Easy service thanks to fully automatic ash removal, optional pneumatic cleaning system and flue gas dust extractor
- Highly developed safety devices ensure a safe and reliable operation
- Individual planning of your facility by our team of experts
- Available as a complete, ready-to-use containerised system

Specification

- Fully automatic wood boiler with rotation combustion
- Rated output range: 100 to 540 kW
- For dry wood fuels with a maximum water content of 35 %
- Efficiency up to 92 %
- Permissible flow temperatures up to 100 °C
- Permissible operating pressure 3 bar

For specification see page 16
Wood boiler with state of the art grate combustion, from 390 to 1250 kW. For wood fuels with a maximum water content of 50%.

The moving infeed grate and the proven combustion retort, as well as the sloping external grate in the Pyrotec, combine the benefits of infeed combustion with those of underfeed combustion perfectly. A charging screw transports the wood fuel into the combustion retort, where it is dried. The fuel is fully degassed on the external grate and moving infeed grate. Afterwards, the wood gases are burned with the aid of a regulated secondary air supply.

Top quality design and construction
The Pyrotec wood boiler is of high quality construction and so is suitable for use under the toughest of conditions (high fuel flexibility from W10 to W50).

The inside of the combustion chamber is fitted out with pressed and fired firebricks with a high clay content for greater durability. All grate elements are made of high quality, thick-walled chromium steel casting and can withstand even the highest temperatures. The Pyrotec wood boiler features a proven three-pass heat exchanger for maximum heat transfer and the highest efficiency.

Clean and efficient combustion
The proven combustion technology of the Pyrotec achieves low emission values (particularly CO and NOx). Operation with modulating output control and optimised combustion principle enables efficiency levels of up to 92%.
Take advantage of these benefits:

- High efficiency thanks to proven combustion technology, three-pass heat exchanger, modulating output control and regulated primary and secondary air supply
- Easy to service, thanks to fully automatic ash removal and optional pneumatic cleaning system
- Highly developed safety devices ensure a safe and reliable operation
- Optimum system output – the result of manufacture and delivery of all system components from a single source
- Automatic ignition device prevents having to maintain the incandescent bed and saves fuel (option – only for fuels with water content below 40 %)
- Individual planning of your facility by our team of experts
- Excellent output control from 30 to 100 %

**Specification**

- Fully automatic wood boiler with grate combustion
- Rated output range: 390 to 1250 kW
- Universal application for all types of wood fuel from dry (W10) to moist (W50)
- Efficiency up to 92 %
- Permissible flow temperatures up to 100 °C
- Maximum operating pressure 6 bar

For specification see page 16
System components

An extensive range of system components from a single source for an automatic, reliable and low-maintenance operation of the entire system.

**Automatic ash removal** (option)
The clean combustion leaves only the minerals stored in the wood behind as ashes. A grate with moving grate elements removes the ashes from the combustion chamber and guides them into the ash container. As soon as they have cooled down, the ash removal conveyor guides the ashes into a large external ash container.

**Pneumatic cleaning system** (option)
A clean heat exchanger is crucial to the life expectancy and efficiency of a wood boiler. With short blasts of compressed air, the pneumatic pipe cleaning system regularly removes ash from the heat exchanger, thereby considerably prolonging the service intervals.

**Flue gas recirculation** (standard for Pyrot, option for Pyrotec)
Flue gas with a low oxygen content (6 to 8 %) is fed back into the boiler. Mixing it with primary air ensures the complete gasification of the fuel under air starvation. This enables a low grate temperature, which results in higher efficiency. In addition, particle emissions are reduced and the grate’s service life is increased.

**Flue gas scrubber** (option)
The flue gas scrubber minimises dust emissions by filtering the flue gases from a multi-cyclone. It is supplied, fully insulated, with a flue gas fan located on the side or the top and an ash container (90 or 240 litre capacity). An 800 litre container is also available as an option*.

**Metal mesh filter up to 540 kW**
The metal mesh filter separates dust and fine particles out of the flue gas. This results in dust emissions of below 10 mg/m². Cleaning is carried out either according to a time program (pneumatically) or through measuring the differential pressure. Thanks to its stainless steel mesh, the metal filter is resistant to flying sparks. The metal mesh filters are, compared to electro filters, easier to service (filter cartridges can be hooked out individually) and they are also available for the output range below 300 kW.

* Only required for fuels with a high fine particle content, such as waste wood from wood processing plants or woodchips with a fine particle content of > 4 %.
Comprehensive energy management

Modulating output control for maximum and safe performance of the heating system.

Advanced boiler control units for biomass systems offer the same control convenience as most standard control units for fossil fuel systems. Thanks to its modulating output control and a heating water buffer cylinder, the system’s flow temperature can be perfectly matched to the prevailing weather conditions.

Ecotronic boiler control unit (for Pyrot)
The digital modulating output control ensures optimum combustion by accurately controlling the relationship between the combustion air, recirculated flue gas and fuel. The control unit monitors:
- the flow and return temperature of the wood boiler
- the condition of the firebed
- the light barriers on the supply system
- the flue gas temperature
- the oxygen content in the flue gas (Lambda probe)

Pyrocontrol boiler control unit (for Pyrotec)
Pyrocontrol is a fully programmable modulating output and system control unit. It regulates all variable speed fans and monitors the following:
- the flow and return temperature of the wood boiler
- the light barriers on the supply system
- the pressure sensor for reliable negative pressure
- the flue gas temperature
- the combustion chamber sensor (upper temperature limit)
- the oxygen content in the flue gas (Lambda probe)

Heating water buffer cylinder
With a biomass system, a heating water buffer cylinder is an important component for optimum control accuracy (ability to adapt the system output to the actual demand). The heating water buffer cylinder makes it easier to stratify the water in temperature layers, it effectively reduces frequent cycling of the combustion system and adapts the system’s flow temperature to meet the heat demand accurately. With all control units, there are three or five sensor inputs available for optimum burner modulation in accordance with the buffer cylinder temperature.

Vitocontrol multi-boiler control panel
Vitocontrol translates customer wishes into reality: for example the cascade control of two Pyrot or Pyrotec boilers and the energy management of the other integrated energy sources (solar, oil/gas, electric). It regulates a common storage and supply system and provides an interface for building management systems.

Remote monitoring (option)
Remote monitoring and maintenance of heating systems via an internet interface. Enables the monitoring and adjustment of various system parameters. The interfaces, LonWorks® and BACnet® for local monitoring, are available as an option (further interfaces on request). Ideal for monitoring systems in public facilities or for communal/CHP systems.

Heating water buffer cylinder
With a biomass system, a heating water buffer cylinder is an important component for optimum control accuracy (ability to adapt the system output to the actual demand). The heating water buffer cylinder makes it easier to stratify the water in temperature layers, it effectively reduces frequent cycling of the combustion system and adapts the system’s flow temperature to meet the heat demand accurately. With all control units, there are three or five sensor inputs available for optimum burner modulation in accordance with the buffer cylinder temperature.

Vitocontrol multi-boiler control panel
Vitocontrol translates customer wishes into reality: for example the cascade control of two Pyrot or Pyrotec boilers and the energy management of the other integrated energy sources (solar, oil/gas, electric). It regulates a common storage and supply system and provides an interface for building management systems.

Remote monitoring (option)
Remote monitoring and maintenance of heating systems via an internet interface. Enables the monitoring and adjustment of various system parameters. The interfaces, LonWorks® and BACnet® for local monitoring, are available as an option (further interfaces on request). Ideal for monitoring systems in public facilities or for communal/CHP systems.

All control units for biomass systems are made in-house. Other benefits are:
- quick installation with all functions in one controller
- easy operation.
Storage and supply systems

Every fuel storage and supply system is unique and is designed for a specific application. Our advanced, fully automatic supply solutions are delivered ready for installation.

Cellar storage with screw discharge
Cellars or former oil storage rooms can be converted into pellet stores without any major work. Pellets can be blown across large distances and special screws can transport them reliably and with low energy consumption.

Bunker with spring core or horizontal discharge
This is the right solution for square or slightly rectangular bunkers. A sprung arm pushes the fuel onto a discharge screw (spring core discharge). The stable horizontal discharge is used for high bulk densities (separately driven bottom agitator and discharge screw).

Bunker with push floor delivery
Ideal for large, rectangular storage bunkers. Sliding hydraulic push rods guide the fuel onto a supply screw. This enables quick filling with large amounts of fuel.

Silo with funnel
The fuel is supplied from the silo via a pendulum screw in the funnel – safely thanks to the automatic reversing action. A fire-tested rotary lock valve separates the silo from the heating system. This system is recommended for wood processing facilities.
Safe and reliable operation

Köb wood heating systems meet the strictest safety requirements. Safety equipment using state of the art technology guarantees the safe and reliable operation of your system at all times.

Re-ignition protection
This offers protection against re-ignition through flying sparks, by providing a permanent monitored separating barrier and permanently monitored underpressure operation.

Burn-back resistant device
A sensor, situated in the fuel charging pipe, recognises the danger of burn-back and immediately counteracts this by increasing the amount of fuel charged to the boiler.

Burn-back protection
A horizontally acting slider with spring return interrupts the fuel supply in the event of a power failure and the risk of burn-back. When there is negative pressure in the fuel store, a rotary air lock is used in place of the slider for the same function. The rotary air lock prevents unwanted leakage air getting into the combustion process.

Safety heat exchanger
A safety heat exchanger, built into the wood boiler, is connected to the water network and prevents the boiler from overheating in the event of a power failure. A non-electric, thermally activated valve responds at a predetermined boiler water temperature and cools the boiler water down via indirect heat transfer through the heat exchanger.

Additional safety devices
In addition to the listed safety equipment, the Köb wood boilers also feature the following safety devices required by relevant safety standards:
- Low water shutdown
- Pressure and temperature sensor
- High limit safety cut-out.
Pyrot
Wood boiler with rotation combustion
For wood fuel with a water content of ≤ 35 %

<table>
<thead>
<tr>
<th>Model</th>
<th>Pyrot 100</th>
<th>Pyrot 150</th>
<th>Pyrot 220</th>
<th>Pyrot 300</th>
<th>Pyrot 400</th>
<th>Pyrot 540</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated output</td>
<td>kW</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>100</td>
<td>150</td>
<td>220</td>
<td>300</td>
<td>400</td>
</tr>
<tr>
<td>Dimensions</td>
<td>mm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Length</td>
<td></td>
<td>2263</td>
<td>2513</td>
<td>2537</td>
<td>2893</td>
<td>2877</td>
</tr>
<tr>
<td>Width</td>
<td></td>
<td>1050</td>
<td>1050</td>
<td>1330</td>
<td>1330</td>
<td>1570</td>
</tr>
<tr>
<td>Height</td>
<td></td>
<td>1825</td>
<td>1825</td>
<td>2084</td>
<td>2084</td>
<td>2422</td>
</tr>
<tr>
<td>Weight</td>
<td>kg</td>
<td>1825</td>
<td>2198</td>
<td>3024</td>
<td>3433</td>
<td>4438</td>
</tr>
<tr>
<td>Max. operating pressure</td>
<td>bar</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

Pyrotec
Wood boiler with grate combustion
For wood fuel with a water content of ≤ 50 %

<table>
<thead>
<tr>
<th>Model</th>
<th>Pyrotec 390</th>
<th>Pyrotec 530</th>
<th>Pyrotec 720</th>
<th>Pyrotec 950</th>
<th>Pyrotec 1250</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated output</td>
<td>kW</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>390</td>
<td>530</td>
<td>720</td>
<td>950</td>
<td>1250</td>
</tr>
<tr>
<td>Dimensions</td>
<td>mm</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Length</td>
<td>3282</td>
<td>3782</td>
<td>3877</td>
<td>3835</td>
<td>4380</td>
</tr>
<tr>
<td>Width</td>
<td>1274</td>
<td>1274</td>
<td>1380</td>
<td>1612</td>
<td>1612</td>
</tr>
<tr>
<td>Height</td>
<td>2378</td>
<td>2536</td>
<td>2834</td>
<td>3035</td>
<td>3230</td>
</tr>
<tr>
<td>Weight</td>
<td>5230</td>
<td>7554</td>
<td>8869</td>
<td>11,463</td>
<td>12,918</td>
</tr>
<tr>
<td>Max. operating pressure</td>
<td>bar</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>6</td>
</tr>
</tbody>
</table>
Perfectly matched to suit your system

With Viessmann system technology, you can easily expand your wood heating systems and enjoy all the benefits in an integrated system working with renewable energy.

**Wood heating systems**
Wood heating systems are ideal for use in combination with one or more additional energy sources, such as fossil fuels or solar energy. Our comprehensive product range offers heating systems for all forms of energy that amount to more than the sum of their parts. Whether it is an oil/gas boiler or a solar thermal system, all parts fit together perfectly and form a reliable and economical system.

**High performance solar thermal systems**
Our high performance solar thermal systems with flat-plate or vacuum tube collectors are ideal for DHW heating and also as central heating backup for your biomass system. By incorporating solar energy, you can reduce the cost of generating domestic hot water by up to 65% (depending on the size of the solar thermal system) and you can also do your bit for the environment.

**High performance DHW cylinders**
Vitocell DHW cylinders for indirect heating enable a quick, plentiful and reliable supply of DHW at all times. For applications requiring large amounts of DHW, the vertical and horizontal DHW cylinders can be combined to create cylinder banks. By integrating the DHW supply into your wood heating system, you can save up to 50% of the running costs compared to directly heated DHW.

**Proven boilers**
In an integrated system working with renewables, wood heating is often connected to a conventional oil/gas boiler that covers peak loads or backs up the biomass boiler. Depending on the type and temperature demand of your system, Viessmann offers highly efficient condensing boilers as well as low temperature boilers.
Wood heating systems in operation

More than 1500 installations around the world operate with wood heating systems from Köb.

**Köb wood heating systems**

Köb has been installing wood heating systems for more than 30 years. During that time it has achieved significant recognition for its innovative and environmentally responsible products. Köb is a member of the Viessmann Group.

**Planning and commissioning service**

Each Köb installation begins with a system plan devised by our own team of experts. We examine the special requirements and conditions of your project and provide you with a bespoke system solution – from individual wood boilers to a fully integrated system for heating with fossil fuels and a solar thermal system.

We offer comprehensive system solutions and service from one source.

---

### References

**E.ON biomass heating plant**
Markt Schwaben, Germany

**Handelsakademie and school, Lustenau – Pyrot with 220 kW rated output**

**SchlossFrauenthal**
Deutschlandsberg, Austria

**Approx. 2000 m² are heated by one Pyrot (300 kW)**
Cambomare leisure centre, Kempten, Germany

Stadtwerke Ulm, Germany – Pyrot with a rated output of 100 kW

Hotel Lagorai Cavalese, Italy

Biowärme Hatlerdorf, Austria

Pyrotec twin-boiler system with a rated output of 530 and 1250 kW

Sohn-Holzbau Alberschwende, Austria – Pyrotec (390 kW) with AP discharge and feed screw

Pyrot (220 kW) with flue gas dust extractor

Discharge screw

Biowärme Hatlerdorf, Austria

Hotel Lagorai Cavalese, Italy

Pyrotec twin-boiler system with a rated output of 530 and 1250 kW

Sohn-Holzbau Alberschwende, Austria – Pyrotec (390 kW) with AP discharge and feed screw

Pyrot (220 kW) with flue gas dust extractor

Discharge screw
The comprehensive Viessmann product range

Viessmann sets the technological pace for the heating industry. The comprehensive product range from Viessmann offers individual solutions with efficient systems for all applications and all energy sources. As environmental pioneers, the company has, for decades, been supplying particularly efficient and clean heating systems for oil and gas, as well as solar thermal and PV systems plus heating systems for sustainable fuels and heat pumps.

The comprehensive product range from Viessmann offers top technology and sets new benchmarks. With its high energy efficiency, this range helps to save heating costs and is always the right choice where ecology is concerned.

All Viessmann products meet the requirements of European Directives regarding the reduction of environmental pollution by emissions. Viessmann feels a long-standing responsibility for the best possible environmental preservation and the maximum protection of natural resources. To this end, the company employs the best available technology for the generation of heat.
The comprehensive Viessmann product range: Individual solutions with efficient systems for all energy sources and applications

<table>
<thead>
<tr>
<th>Wood combustion technology, CHP and biogas generation</th>
<th>Heat pumps for brine, water and air</th>
<th>Air conditioning technology</th>
<th>System components</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 – 13,000 kW</td>
<td>1.5 – 1500 kW</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Individual economical solutions**

Viessmann offers the right heating system for any demand – wall mounted and floorstanding, in individual combinations, both futureproof and economical. Whether for detached or two-family houses, for large residential buildings, for commerce and industry or for local heating networks. It makes no difference whether the system is intended for modernisation or new build.

Viessmann develops and produces innovative heating systems, which demonstrate top quality, energy efficiency and a long service life. Many of these products have become milestones of heating technology.
The Viessmann Group

For three generations, the Viessmann family business has been committed to generating heat conveniently, economically, with environmental responsibility and in accordance with demand.

With a number of outstanding product developments and problem-solving solutions, Viessmann has created milestones which have frequently made it the trailblazer and trendsetter for the entire industry.

Viessmann’s orientation is decidedly international. It maintains 17 factories in Germany, France, Canada, Poland, Hungary, Austria, Switzerland and China, sales organisations in 37 countries, plus 120 branch sales offices worldwide.

Group companies
Viessmann is a family business that has financed its growth almost exclusively with its own resources. In more recent times, company takeovers have also contributed to its growth. Today, members of the Viessmann Group include the wood combustion specialists, Köb and Mawera, the heat pump manufacturer, KWT, the manufacturer of combined heat and power units, ESS as well as BIOFerm and Schmack as market leaders in biogas systems.

Skilful workforce
Initial and ongoing training is becoming ever more important. As long ago as the 1960s, the company set itself the task of offering a programme of further training to its skilled contractors.

Today Viessmann maintains a modern information centre at its company head office in Allendorf (Eder), that is second to none. Every year at the Viessmann academy, more than 70,000 contractors bring their knowledge right up-to-date.

Model project "Efficiency Plus"
As part of a model project, Viessmann has implemented a sustainability concept that links economic actions with ecological and social responsibility. It encompasses the generation and consumption of energy and the resource-efficient production in the Allendorf (Eder) factory. As a result, the amount of fossil fuel consumed at the factory has been cut by 40% compared to previous levels, and CO₂ emissions have been reduced by a third.

Responsibility
Viessmann is committed to fulfilling its environmental and social responsibilities. The company employees form a team acting on a global footing. This team is defined by the loyalty, reliability and the responsible actions of each individual. We ensure all our processes are environmentally compatible and encourage the use of renewable forms of energy. Furthermore we take an interest in economics, art and culture and have for many years engaged in successful international sport sponsorship.
Your trade partner: