Our heat and energy future. With wood pellets.

www.oekofen.com
Europe’s specialist in pellet heating.

ÖkoFEN represents modern renewable energy, using environmentally friendly wood pellets. Founded in 1989 by the pioneer Herbert Ortner, the company has specialised solely in pellet heating systems.

The current product range includes the experience and the competence of a Quarter century research, development quarter and more than 80,000 units produced.

The development of the first type-tested wood pellet heating system and the world’s first pellet boilers with condensing technology were groundbreaking. The active spirit of invention is reflected in clever concepts for storage, control and smart solutions for buildings with low energy requirements.
For more than 30 years we have been relying on the renewable raw material wood. We were the first in Central Europe to discover the potential of wood pellets at the beginning of the 90s and built the boilers for it. In 1997 we launched the first type-tested pellet boiler on the market. Today we build pellet heating systems that produce electricity. Our aim has always been to be the first in technology and new markets. That is what drives us today just as it did then. Our heating systems are now in operation in 21 countries and we are already exporting to our future markets in Asia, Japan, South Korea and North America.

With an ÖkoFEN pellet heating system, you are opting for an efficient, comfortable and environmentally friendly form of heating. A heating system that adapts to your power requirements and reliably creates a comfortable living and quality of life. For heat with a clear conscience.

We are the first generation to see the effects of climate change. And perhaps the last one to do something about it.

An incentive to opt for a climate-neutral energy solution and to take a further step towards a future worth living.
What speaks for pellets? The future.
More than two thirds of the energy used in the household is used for heating. Without a rethink in heating, no energy transition is possible. Wood pellets are the only raw material with which 100% renewable, comfortable and climate-friendly heat can be generated in the home.

**Sustainable**
Wood is a **renewable natural product** and is also available to future generations. The area of European forests increases by one football field per minute.

**Ecological**
Burning wood pellets releases just as much CO2 as the tree has absorbed during growth and would give it off if rotted naturally in the forest.

**Affordable**
The comparison of the price development of gas, oil and pellets shows: The price of pellets is affordable and stable. With pellets you can reliably calculate your heating costs in advance.

**Ressource saving**
Pellets are obtained from the **remains of wood processing**. No tree is cut down for this purpose. Sawdust is used to make wood pellets, which are burned efficiently in ÖkoFEN boilers, CO2-neutral.

**Independent**
Pellets are produced regionally from domestic wood. This makes them independent of fossil fuels, international developments and price fluctuations.

**Regional**
When wood pellets are purchased, the **value added remains in the country**. This strengthens the domestic economy, makes it independent of crises and creates new jobs.

**Comfortable**
The truck delivers and blows the pellets comfortably into the storage. From there they are transported **fully automatically** to the boiler, than automatically ignited and burned.

**Space-saving**
Pellets require just a quarter of the space required by logs and only half as much space as wood chips. The **annual stock** of a detached house can be stored on only 4 m².
What speaks for ÖkoFEN?
Our competence.

Our innovative strength is reflected in the globally unique myEnergy365 solution, which was developed together with technology partner Fronius.

The desire for 100% independence for heat and electricity becomes reality.
For more information www.okofen-e.com
Our aim is to be the technology and market leader in pellet heating systems. Reliable and comfortable operation as well as a top service are basic requirements for us.

ÖkoFEN boilers are highly reliable and low-maintenance, which is why 99% of our customers would opt for us again at any time. They appreciate the quality of our products and the comprehensive customer service.

Since 1997 ÖkoFEN has been the driver for innovation of the pellet boiler industry. Technical milestones such as the Condens technology or the development of the first electricity-generating pellet boiler were developed by us.

Not only the ÖkoFEN products contribute to the avoidance of CO₂ emissions. We also focus on sustainability in production: 100% green electricity, low-energy company buildings and electric vehicles as company cars - environmental protection is something we live by conviction.

ÖkoFEN products are an investment in the future. The aim of our company is not to maximise profits, but to help shape the future of our children and grandchildren as positively as possible. We invest the added value we generate in the further development of our products and are involved in the following areas social projects worldwide.

Cosy heat - that’s what you notice from your pellet boiler. ÖkoFEN boilers usually only need to be serviced once a year. The heating can be conveniently controlled from anywhere via your smartphone. The rare emptying of the ash box is clean and without exertion.

Pellematic heaters can be flexibly adapted within their performance class. If a conversion requires more heat or if the house is additionally insulated, only a small adjustment to the boiler is required. A few simple steps for the ÖkoFEN customer service, replacement of the pellet boiler is unnecessary.
The right boiler at a glance.

Conversion or new construction. Existing storage space or limited space. 4in1 complete solution or expandable power plant: At ÖkoFEN you will find the heating system that meets your requirements and gives you a high degree of flexibility, guaranteed. Because: ÖkoFEN boilers are retrofittable and scalable in their performance.

The ÖkoFEN advantages

Standard equipment on all models.

- **Fully automatic**
  No effort for a whole year (except emptying ash box)

- **Smart heating control**
  with **touch panel.**

- **Convenient online connection**
  for customers and service partners

- **High efficiency**
  and cost-effective operation

- **99 % customer satisfaction**

- **Made in Austria**

- **Low maintenance**
  minimum service effort

The ÖkoFEN customer service

We are close to you. You can find the contact person for your region at www.oekofen.com
Non-condensing

The original from ÖkoFEN. Optimised over decades and always new invented.

efficient combustion control

Multisegment burner plate, vacuum control and flame chamber sensor provide for reliable operation, constant high efficiency and an optimal adaptation of the heating output to the requirements of your house.

Condensing

Highly efficient and innovative. Combustion with unprecedented efficiency.

ecc + Condens technology

All ÖkoFEN pellet boilers are equipped with ecc technology. Combined with the revolutionary Condens technology, additional energy is generated from the heat contained in the flue gas. The result: up to 15 % more efficiency.

Pellematic
The powerful original for modernisation and boiler replacement.

Pellematic Compact
The economic one for highest comfort and smallest space.

Pellematic Condens
The most efficient pellet condensing boiler worldwide. eReady.

Pellematic Smart XS
The compact 4in1-pellet heating for quick installation.
The powerful original for modernisation and boiler replacement.

The Pellematic is the original from ÖkoFEN.
Due to the constant further development this boiler offers technology at the highest level and is still the optimal solution for boiler modernizers.

The boiler output of the Pellematic is tailored exactly to your requirements. If your requirements change, for example due to the insulation of your house, a service technician can adopt the boiler output to the new requirement by a simple operation.

Your advantage: Low pellet consumption due to an always optimum utilization of the plant.
The Pellematic Compact - the space-saving miracle.

As one of the most compact pellet boilers on the market with the dimensions of 73 x 72 x 143 cm, the Pellematic Compact convinces with its possibility of wall and corner positioning. With only 0,5 m² required space it finds its place in the smallest heating or technical room.

Cleaning, ash removal and ignition are fully automatic, reliable and extremely quiet. The ashes needs only be emptied twice a year. The online connection of the Pellematic Compact makes it even easier to operate. The processing of online weather data enables greater efficiency and comfortable room temperatures even when the sun is shining.
Pellomatic Condens

The heating for the forward looking and forward thinking.

The Pellomatic Condens condensing boiler sets a new milestone.

The boiler with the trend-setting Condens technology makes the use of condensing technology possible in any heat distribution system, completely without buffer tank.

Compact pellet heating with highest efficiency.
Top efficiencies of up to 107.3 %, a compact design with a small space required as well as the intelligent arrangement of all connections make the Pellomatic Condens a unique device. It scores with efficiency and space requirement and thus describes a new generation of pellet boilers.

Energy-efficiency

A++

Record-efficiency
107.3 % as a standard
saves up to 15 % heating costs

Very compact
just 73 x 72 cm

Sliding boiler temperature
from 28 to 85 °C
(only the actually required temperature is generated)

Performance range
10 kW (to 3 kW)
12 kW (to 4 kW)
14 kW (to 4 kW)
16 kW (to 5 kW)
18 kW (to 6 kW)
The Pellematic Smart XS convinces as an all-in-one solution, which combines all functions of a heating system. Pellet boiler including compact buffer tank, which can optionally be combined with solar. In addition, there are heating circuit groups and a fresh water module for hot water preparation.

Its shape is also extremely compact. So it unites everything, what you need in a boiler room, on only 0.9 m². The small installation area and the intelligent and flexible arrangement of all connections enable the perfect adaptability to your boiler room.
The Pellematic Maxi is established on the proven technology of the Pellematic series and brings it to a powerful 56 kilowatt boiler (up to 64 kW with condensing technology), suitable for use in commercial and industrial buildings, for local authorities and in large-scale projects.

Not only is it big on thermal performance, but the Pellematic Maxi has all features too, including a remote monitor with automatic notification for re-ordering pellet supplies and the compact ash box supplied as standard.

Wood pellet heating system with up to 64 kw

Available as non-condensing or condensing boiler.
Pelletronic Touch

The fully automatic control for the whole system.

The navigation of the Pelletronic Touch is easy from the very first second. The clearly arranged, illuminated graphic display with symbol and text display can be operated intuitively at the touch of a finger.

The all-in-one controller
With the Pelletronic Touch you control the complete heating system of your home. Up to six heating circuits, three hot water boilers, three buffer tanks and solar systems with two solar circuits each can be controlled in any number of ways.

Automatic energy saving mode*
As soon as you move away from your house beyond the distance you have defined, the app reminds you to activate the energy-saving mode. This lowers the room temperature and helps to save heating costs.

Heating with weather forecast*
The controller evaluates online live weather data for its location and regulates the heating system according to expected sunshine. If sunshine is expected, the controller automatically lowers the room temperature. This prevents overheating and saves valuable heating energy.

* Functions are available if there is an internet connection.
Flexilo fabric tanks. Incredible adaptable.

- Simple and quick installation
- Clean and space saving storage
- Dust-tight, permeable to air and permanently anti-static
- Suitable for damp enclosed rooms
- Even suitable for low headroom
- 35 different sizes from 450 kg to 12,000 kg
- Can be installed outside if protected from rain and UV light
- Affordable

Outdoor installation possible

You can also place your ÖkoFEN fabric tank outside the building. All you need to do is protect the tank from rain and UV radiation with a roof and side cladding.
Storage room. Optimum use of existing space.

When switching from oil to pellets, the existing tank room is usually sufficient to store an annual supply of wood pellets. As an alternative to the fabric tank, a cost-effective sloping floor with pellet delivery auger can also be installed.

Keep away from moisture
Your storage room must always be dry. If this is not the case, we recommend the use of a fabric tank. In case of contact with water, damp walls or surfaces, pellets swell up and become unusable.