



# Green heat from wood pellets.



ÖkoFEN stands for modern, efficient heating with environmentally friendly and renewable energy. Founded in 1989 by pioneer Herbert Ortner, the company has specialized right from the start in pellet heating systems - and is the only manufacturer in the industry to do so. By now it also offers comprehensive complete heating solutions.

The range includes various pellet heating systems with innovative storage systems as well as solar and energy management solutions. The GreenFOX®, one of the most innovative heat pumps in the world, rounds off the portfolio.

The development of the first type-tested pellet heating system, the first pellet boiler with condensing technology, the world's first ZeroFlame® technology and the heat pumps unique "GreenMode" were groundbreaking. The current product range comprises the experience and expertise from a quarter of a century of research, development and more than 180,000 installed heating solutions.

# Europe's specialist for green heating.

# Pioneers never stop being the first.



In 1997, we launched the first type-tested pellet heating system on the market. Today, we build pellet boilers that generate electricity and heat pumps that control intelligently and make the best possible use of low-CO<sub>2</sub> electricity.

It has always been our aspiration to be first in technology and in new markets.

That is what drives us as much today as it did back then. Our heating systems warm people in more than 20 countries, and we also export to future markets such as Asia, South and North America. **This is heat with a clear conscience.**

Pioneer & ÖkoFEN founder  
Herbert Ortner

ÖkoFEN CEO  
Stefan Ortner



UNICEF AUSTRIA SAYS THANK YOU!  
In many regions of the world, the effects of climate change are already clearly felt and are increasingly leading to crisis situations. Children in particular are suffering from the lack of access to clean water. That is why we are pooling our social commitment together with UNICEF Austria.

Visit us online: [oekofen.com](https://oekofen.com)

No trees are felled specifically for the production of pellets. Sawdust is turned into wood pellets, which burn efficiently and CO<sub>2</sub>-neutrally in ÖkoFEN boilers.



# What speaks for pellets? The future.

More than two thirds of the energy consumed in a 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.



**Climate-friendly**

Switching to pellets is the most efficient measure to save CO<sub>2</sub> in the household.



**Ressource saving**

Pellets are obtained from the remains of wood processing.




**In stock and available**

Because wood is a popular building material, more and more sawdust is being turned into pellets.




**Sustainable**

Thanks to sustainable forestry, the supply of wood in Austria is constantly increasing.



**Regional**

When buying wood pellets, the added value stays in the country.



**Comfortable**

The truck delivers the pellets and conveniently blows them into the store.



# Fire reinvented

With ZeroFlame® technology, ÖkoFEN has achieved a new dimension in environmentally friendly heating with pellets. ZeroFlame® boilers reduce particulate emissions to almost zero and ensure the best air quality without additional filter technology.



**Clean wood combustion**

for the best air quality



**Fire without flame**

the cleanest heating system, hardly any measurable fine dust emissions



**Always operates**

reliably during the startup and follow-up phases



**No additional maintenance**

safe to operate



**Reliable technology**

and easy installation



**Cost-effective**

in the purchase



# Pioneers through technology and innovation.

ÖkoFEN stands for modern heating with green energy. Since the company was founded, we have specialized as a family-run, international company in the development and manufacture of environmentally friendly heating systems, especially pellet heatings.



**Reliable and low maintenance**

98 % of customers would choose ÖkoFEN again at any time.



**Innovation**

ÖkoFEN has set several technical milestones in heating technology.



**Ecology**

Not only through CO<sub>2</sub>-neutral heating with pellets - we also protect the climate with sustainable production.



**Comfort**

Control your heating from anywhere with the free myPelletronic app.



**Customizability**

The heating system is adapted to your home and heating requirements and can be flexibly adjusted in terms of output.



**Social responsibility**

We support people who are already affected by the effects of climate change.



# Pellematic Compact

## The space-saving miracle

As one of the most compact pellet boilers on the market, the Pellematic Compact convinces with its possibility of wall and corner positioning. With little space it finds its place even in the smallest heating or technical room.

The online function also enables the processing of live weather data: This means maximum ease of use, maximum efficiency and comfortable room temperatures - even when the sun is shining.



Opt. 10-18 kW

### 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)

22 kW (to 7 kW)  
25 kW (to 8 kW)  
28 kW (to 8 kW)  
32 kW (to 10 kW)



Low space requirement for easy planning and installation.



### Extremely compact

The pre-assembled Pellematic Compact fits through any door, and disassembly work is usually not necessary during installation.



Combinable with Smartlink combi heat accumulator (10-18 kW)



# Pellematic Condens

## The highly effective

The boiler with pioneering condensing technology makes it possible to use condensing technology in any heat distribution system, even without a buffer cylinder.

The compact design with a small footprint and the intelligent arrangement of all connections make the Pellematic Condens a unique appliance. It scores highly in terms of efficiency and space and thus describes a new generation of pellet boilers.



**10 year guarantee**  
Absolute confidence  
in ÖkoFEN quality\*



Opt. 10-18 kW

### 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)

22 kW (to 7 kW)  
25 kW (to 8 kW)  
28 kW (to 8 kW)  
32 kW (to 10 kW)



**Saves up to 15 % heating costs.**

\*on boiler body incl. stainless steel heat exchanger



# Pellematic Smart XS

## The all-in-one solution

The Smart XS offers pellet heating technology with a compact buffer cylinder, optional solar combination, heating circuit groups and a fresh water module. The compact design and flexible connection arrangement enable optimum adaptation to your boiler room.



**10 year guarantee**  
Absolute confidence  
in ÖkoFEN quality\*



Opt. 10-18 kW

Also available with 180 kg container  
for manual filling.

### 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)



**4in1 Pellet  
condensing boiler  
on 0,9 m<sup>2</sup> buffer &  
solar inclusive.**



**Buffer tank**  
Comprehensive (hot)  
water treatment.



**Fresh water module**  
Hygienic fresh  
water heating.



**Heating circuit group**  
Distribution of the  
heating water.



**Solar heat**  
Can be integrated  
at any time via heat  
exchanger.

\*on boiler body incl. stainless steel heat exchanger



# Pellematic

## The original

The boiler output of the Pellematic is precisely matched to your heating requirements. If the requirements change, for example due to insulation in your home, a service technician can adjust the boiler output to the new conditions in just a few simple steps. Your benefit: Low pellet consumption thanks to optimum utilization of the system at all times.



The original –  
since 1997 const-  
antly improved



**Modern technology**  
saves energy,  
heats highly efficiently  
and affordable.

**Performance range**  
10 kW (to 3 kW)  
12 kW (to 4 kW)  
15 kW (to 5 kW)  
20 kW (to 6 kW)

25 kW (to 8 kW)  
32 kW (to 10 kW)





# Pellematic Maxi

## Wood pellet boiler with up to 64 kW

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.

Available as non-condensing or condensing boiler.

 **10-year guarantee**  
Absolute trust  
in ÖkoFEN quality\*

**CONDENS** 

**Very compact**  
fits through every standard door

**Expandable**  
up to 256 kW in cascade mode

**Performance range**

Non-condensing	Condensing
36 kW (to 11 kW)	41 kW (to 12 kW)
48 kW (to 15 kW)	55 kW (to 17 kW)
56 kW (to 17 kW)	64 kW (to 19 kW)



\*on boiler body incl. stainless steel heat exchanger

# Pellematic Condens XL

Ideal for commercial and large systems –  
predictive service planning with myPelletronic 2.0:  
efficient, clean, specially designed for pellets.



No filter necessary –  
ZeroFlame® technology  
included

**ZeroFlame®**

**Performance range**  
30-100kW  
33-110 kW  
36-120kW  
39-130kW



# Pelletronic Touch

## Fully automatic control for the entire energy system.

The innovative heating circuit controller organizes the entire energy system fully automatically, without any manual input. And if you do need to make adjustments, you can access the heating system conveniently via an app on your smartphone, tablet or PC from anywhere and at any time. By evaluating live online weather data at the location, the Pelletronic Touch regulates the heating system in the way that is best for a pleasant room climate and efficient operation. This ensures comfort and saves valuable heating energy.



### Online weather data

The app regulates the heating depending to the weather forecast.

### myPelletronic app

Easy to use, even on the move.

### Software updates included

Lifelong without surcharge.

### Data security guaranteed

No data recording and no storage of personal data.



Save heating costs with smart energy management.

# Flexilo fabric tanks: incredibly 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**
- **The right size for every requirement** from 650 kg to 12,000 kg capacity
- **Can be installed outside**
- **Affordable**



## No space in the building? Flexilo Outdoor for outdoor installation.

For up to 7 tons of pellets



Standard version with foil. Optional: Do-It-Yourself



Scan QR code and learn more on the product page!

