

Comfortable and convenient heating ...

... with different fuels ...

... of our nature ...

... by using the power of sun, soil and water.

The firestar...

... is the ideal solution for comfortable and convenient heating with logs.

- Filling shaft for half-metre logs
- Up to 8 hours' burning duration
- Energy-saving combustion due to the unique double vortex combustion chamber
- Automatic cleaning of the heat exchanger
- Simple removal of combustion & fly ash from the front- no side cleaning apertureslow ash accumulation due to optimum combustion
- Possibility to retrofit with a full pellet burner for more comfort at a later date

The pelletstar...

... impresses with its innovative technology and modern design. Its compactness makes it suitable for any boiler room.

- Fully automatic cleaning of the heat exchanger surfaces
- Fully automatic combustion grate cleaning, thereby highest comfort is given
- pellet discharge with different systems such as:
 - flexible screw
 - suction discharge
 - agitator system
 - manual filling

The pelletstar CONDENSATION...

... is the ideal solution for new buildings as well as for modernization and convinces with an efficiency of more than 106%

- Using of the water vapor (which is contained in the flue gas) for heating purposes
- Heat distribution via low-temperature system (underfloor heating) or high-temperature system (radiators)
- Compact design - Can be placed in flush with the wall on two sides
- Boiler body, combustion chamber & heat exchanger made of stainless steel
- Variety of discharge systems

The pelletfire...

... is a clever combination of a log and wood pellet boiler.

- Heating either with logs or wood pellets
- Automatic operation from logs to pellets
- Filling shaft for half-metre logs
- Automatic cleaning of the heat exchanger

The firematic 20-60...

... supplies primarily farms, commercial buildings but also more and more single and multi family houses with comfortable warmth.

- Energy-saving power engineering
- Simple operation
- Constant high level of efficiency
- Low usage of space
- Automatic cleaning of the combustion chamber and the pipe heat exchanger

The firematic 80-301...

... is the best solution for biomass heating for customers with higher heat requirements.

- Various discharge systems for fuels
- Simple operation
- Constant high level of efficiency
- Step-/ moving grate burning chamber
- Automatic cleaning of the combustion chamber and the pipe heat exchanger

The firematic 349-499...

... supplies schools, hotel complexes, house estate projects, timber processing plants, public buildings, etc. with heat.

- Easy to install due to modular design
- Quick adjustment
- Constant high level of efficiency
- Automatic clewanning of the combustion chamber and the pipe heat exchanger
- Remote maintenance / visualization

The BioFire...

... is the solution for large projects. The option of cascade connection enables to realize projects of up to 4.500 kW.

- Easy to install due to modular design
- 2-zone step grate
- Constant high level of efficiency
- Automatic clewanning of the combustion chamber and the pipe heat exchanger
- Remote maintenance / visualization

Transport- and discharge technology...

HERZ offers a variety of solutions to store the wood pellets and to discharge the fuel via various systems to the boiler.

- Flexible screw discharge
- Suction discharge
- Agitator
- Hydraulic walking floor
- Vertical filling system
- Ash discharge systems
- Storage room filling systems

commotherm heat pumps...

... as a heat source soil, water or air - commotherm represents the efficient use of renewable energy sources.

- Low operating costs due to high coefficient of performance
- Maintenance free and durability
- Easy handling
- Low usage of space
- Short amortisation time

commotherm domestic hot water heat pumps...

... for an efficient and independent domestic hot water preparation. With the unlimited available air as heat source the vital domestic hot water is produced. A domestic hot water heat pump can be used as a separate system, but also in combination with other heating systems.

- Simple and compact design
- Enamelled hot water tank
- Customer-friendly operation
- Integrated legionella protection
- High coefficient of performance
- Possibility for cooling of rooms
- Combination with photovoltaic
- Multivalent operation possible

Buffer & hot water tanks...

... complete the heating system and create the optimum solution for an efficient, independent an renewable combination for the future.

- Hot water tank
- Fresh water module
- Buffer tank
- Multifunction store



firestar Lambda
20 - 40 kW

firestar De Luxe
18 - 40 kW



pelletstar
10 - 60 kW



pelletstar CONDENSATION
10-60 kW



pelletfire
20 - 40 kW



firematic
20 - 60 kW



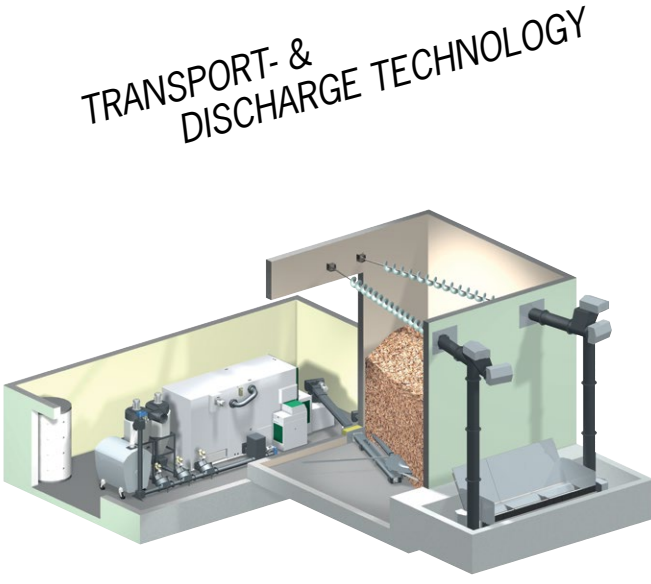
firematic
80 - 301 kW



firematic
349 - 499 kW



BioFire
500 - 1.500 kW



commotherm LW-A
6 - 80 kW

commotherm SW/WW
5 - 80 kW



commotherm BWP300

commotherm BWP500



Tanks
200 - 35.000 Liter

The specialist for renewable energy systems 4 -1.500 kW



Competence is our success ...

Customer service, trainings...

Wood gasification boiler 18-40 kW

Wood chip-/Pellet boilers for large buildings, housing estate projects & industry plants 349-1.500 kW

Log wood- / pellet-combination boiler 20-40 kW

pelletstar CONDENSATION 10-60 kW

Pellet boilers 10-60 kW

Wood chip-/Pellet boilers 20-301 kW

Heat pumps 5-80 kW & tanks



HERZ FACTS:

- 60 companies
- Group headquarter in Austria
- Research & development in Austria
- Austrian owner
- 2,600 employees in over 100 countries
- 24 production sites

HERZ Armaturen GmbH - The company

Founded in 1896, HERZ has been continuously active in the market for more than 120 years. The HERZ Armaturen GmbH is with 8 sites within Austria, another 16 in Europe and more than 2,600 employees at home and abroad, HERZ is the only Austrian manufacturer that produces equipment for the entire heating and installation industry and is one of the most important internationally.

HERZ Energietechnik GmbH

HERZ Energietechnik employs more than 230 staff in production and sales. At the company sites in Pinkafeld, Burgenland and Sebersdorf/Styria, there is state-of-the-art production as well as a research institute for new, innovative products. As a result, proven cooperations with research and educational institutions can be intensified. Over the years, HERZ has established itself as a specialist in renewable energy systems. HERZ places a great importance on modern,

cost-effective and environment-friendly heating systems with the highest level of convenience and user-friendliness.

HERZ for the environment

All HERZ biomass systems underbid the strictest emission regulations.

HERZ quality

HERZ designers are in constant contact with recognised research institutes in order to improve the very high standards even further.



In cooperation with Herz Armaturen GmbH and with branches in all European countries, our partners and factory representatives are in a position to give the optimum competent support to our customers at any time.

- Advice during the planning phase
- Planning of energy centre and fuel storage room
- Planning of discharge system according to customer requirements
- Planning of the system according to customer requirements
- Comprehensive services

HERZ training:

- for the plant operators
- for planners and technical offices
- for installers and assemblers
- as well as continuous training of the maintenance staff



ENVIRONMENT-FRIENDLY HEATING

WITH MODERN TECHNOLOGY!

>100 countries worldwide

>2600 employees

>120 years of experience

Your partner:

HEADQUARTER:
HERZ Energietechnik GmbH
Fabrikstraße 1, 7423 Pinkafeld
Österreich/Austria
Tel.: +43(0)3357/42840-0
Fax: +43(0)3357/42840-190
Mail: office-energie@herz.eu
Internet: www.herz.eu

SALES OFFICE:
HERZ Armaturen GmbH
Fabrikstraße 76, 71522 Backnang
Deutschland/Germany
Tel.: +49(0)7191/9021-21
Fax: +49(0)7191/9021-79
Mail: zentrale-bk@herz.eu
Internet: www.herz.eu