



HDG Euro

Highly versatile. Especially economic

The HDG Euro can burn a wide range of different wood heating material. It is primarily used to heat larger domestic and commercial buildings.

The HDG Euro can be used by wood processing businesses and joineries or carpentries for burning their waste wood.

- ✓ Comfortable filling with log wood and bulk material – via the pneumatically supported fuel chamber hatch
- ✓ Long maintenance intervals due to the large ash space
- ✓ High efficiency and low emission levels due to the innovative control system HDG Lambda-Control 1
- ✓ Intelligent Control with Touch Display



- Fuels:**
- Log wood up to half-metre logs
 - Additional possible fuels for auxiliary heating in connection with optional HDG scale liner: waste wood, wood chips, shavings, shaving briquettes, waste wood (without organic halogen compounds or heavy metals, without wood protection material)

Capacity:
30 kW, 40 kW and 50 kW



Awarded with

Federal Innovations Prize



TÜV quality mark



Every HDG boiler has more than three decades of experience with wood heating systems. And HDG Bavaria's ambition is to make something that is already fine even better.

For Comparison

HDG Euro

30 kW, 40 kW, 50 kW



- Log wood up to half-metre logs
- Additional possible fuels for auxiliary heating when used in connection with an optional HDG scale liner: waste wood, wood chips, shavings, shaving briquettes, waste wood (without organic halogen compounds or heavy metals, without wood protection material)
- Private households
- Agriculture and forestry
- Commercial businesses
- Wood processing businesses
- Joineries
- Sawmills

- Fueling from the top
- Appr. 220 litres of fuel chamber capacity with pneumatically supported fueling hatch
- Horizontal firing combustion chamber
- Intelligent combustion control HDG Lambda-Control 1
- Controlled burning process
- High variety of fuels
- Optimal combustion
- Low emission levels

- Simple and comfortable handling
- Ideal for bulk material
- Very long reloading cycles
- Low emissions
- The optional HDG scale liner serves for long-term heating of wood chips, shaving briquettes and carpenter waste.

- 92% efficiency
- TÜV-certified
- Robust burner nozzle and special combustion chamber
- Fulfils the European Regulations for Emission Limit Values and Safety

- Awarded with the Federal Innovations Prize

HDG Turbotec

50 kW, 60 kW



- Log wood up to 1 metre long logs
- Rough chips

- Agriculture and forestry
- Commercial businesses

- Fueling from the front with logs up to one metre long,
- appr. 340-litre fuel chamber capacity
- Intelligent combustion control HDG Lambda-Control 1
- Additional fuel chamber hatch optional (top) for wood waste and large wood chips

- Comfortable handling
- Low demands on wood preparation
- Very long reloading cycles
- Efficient combustion
- High equipment efficiency
- Low emissions

- 90% efficiency
- TÜV-certificate and DIN registration (Reg. No. 3R155/05GA)
- Electro-magnetic hatch safety interlock (child lock)
- Fulfils the European Regulations for Emission Limit Values and Safety

"The installation was very straight forward once we organised the space that was required. There are two households so we share the loading, making it manageable and definitely warmer! This is a carbon neutral choice for us."

Roger Goodwillie, Co Kilkenny



Due the perfected combustion technology, the HDG Euro is a reliable and robust heating boiler.

The design of the HDG Euro grate allows the use of a wide range of different fuels.

The innovatively constructed and robustly manufactured burner nozzle allows - together with the secondary combustion chamber - the optimum afterburning of flue gases. At the end of the burning cycle, the air flaps close and the fan switches off; therefore the chimney draft cannot cool the boiler down. Unburned charcoal is intentionally preserved after each burn, this makes re ignition a simple operation.

The innovative power and combustion control allows constant heating capacity and low emissions.

The actuators for primary and secondary air provide the necessary combustion air to the gasification and afterburner zones.

The primary air provides constant output, the secondary air low emissions during the secondary burning cycle.

Optional accessories:

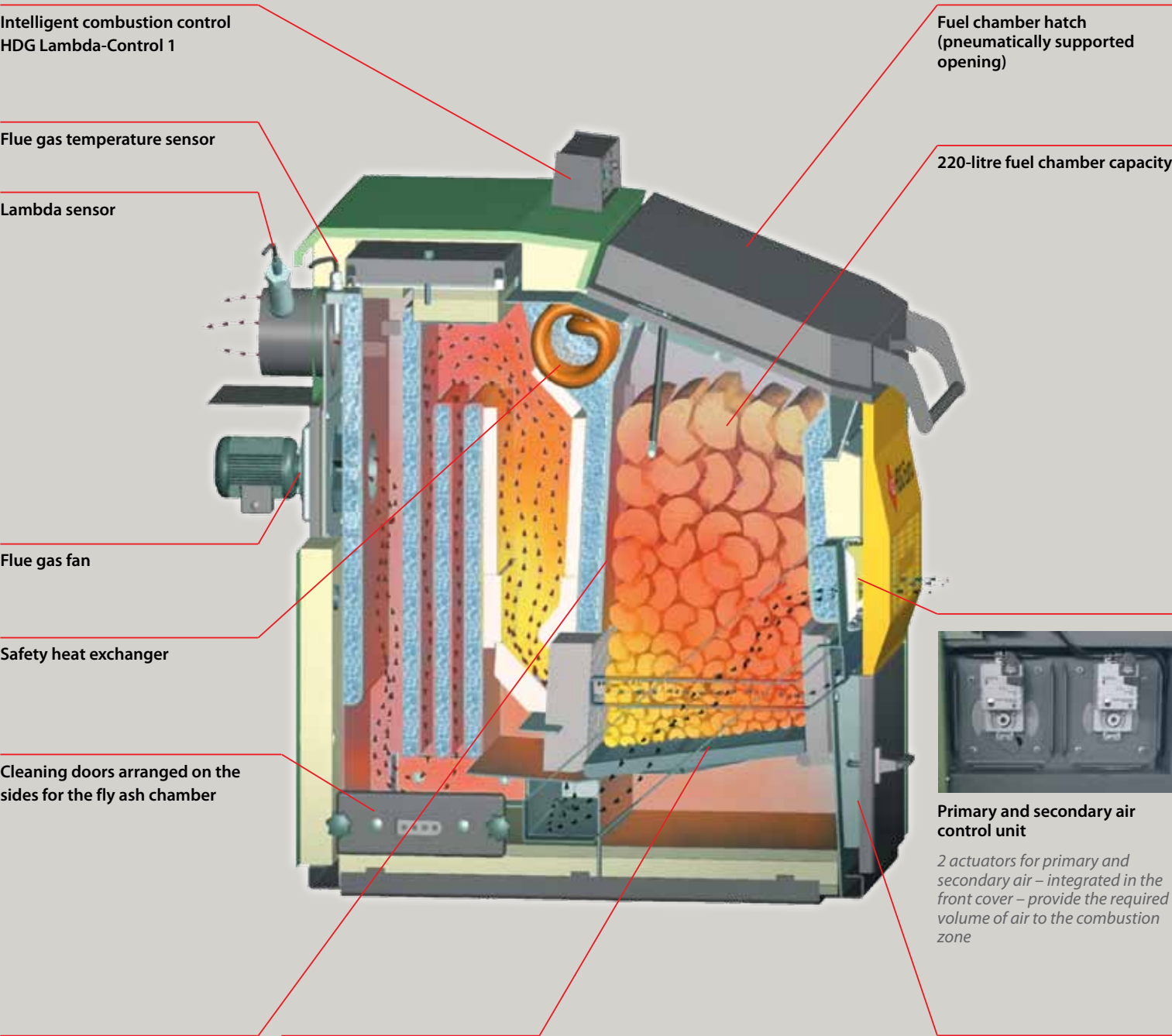
Scale lining

For the long-term combustion of wood chips, shaving briquettes and joinery waste, we offer an optional scale lining to increase the durability of the HDG Euro metal sheets are welded into the fuel chamber and they act as an additional protective lining.

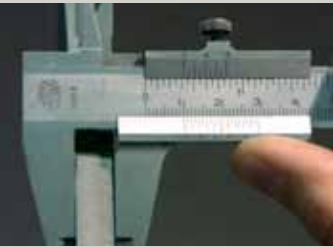


Suggestion in case of a high demand on wood chips or shavings: optional scale lining for the HDG Euro.

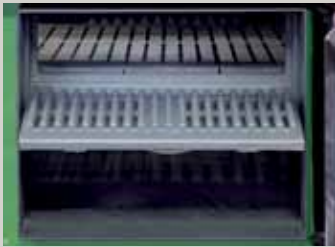




Primary and secondary air control unit
2 actuators for primary and secondary air – integrated in the front cover – provide the required volume of air to the combustion zone



The fuel chamber is made of 10 mm thick quality steel sheets: durable due to its robust construction.



The most robust cast grating with practical cleaning opening.

Cleaning door for the ash chamber