

## HDG Bavaria 125/250kW Log Boiler

The HDG Bavaria is a paradigm of versatility. It is well-suited for heating with the most varied of wood materials. The convenient operation with lengthy intervals between servicing and a range of from 125kW to 250kW make it the convincing choice for use in private households as well as agriculture and forestry.

### Proven boiler and combustion technology

The HDG Bavaria is a genuine natural draught boiler with bottom lateral burning and patented highly resistant vortex combustion chamber. The well-engineered, proven boiler technology of the HDG Bavaria is now in continuous use by several thousand very satisfied customers. For over 20 years! The manual primary and secondary air regulation ensures the uniform burning performance of different fuels.

Especially of interest for wood processing businesses is the HDG Bavaria model range 125kW-250kW, with which clean secondary wood waste can also be used for heating in an ecologically sound manner.

### Operation and maintenance

The Bavaria is loaded from the top. The convenient lever on the fuelling chamber hatch facilitates the procedure. The cleaning of the grate – by means of the grate shaking mechanism – is accomplished quickly and easily. The large ash compartments significantly lengthen the maintenance intervals.

### Maximum Fuel Choice

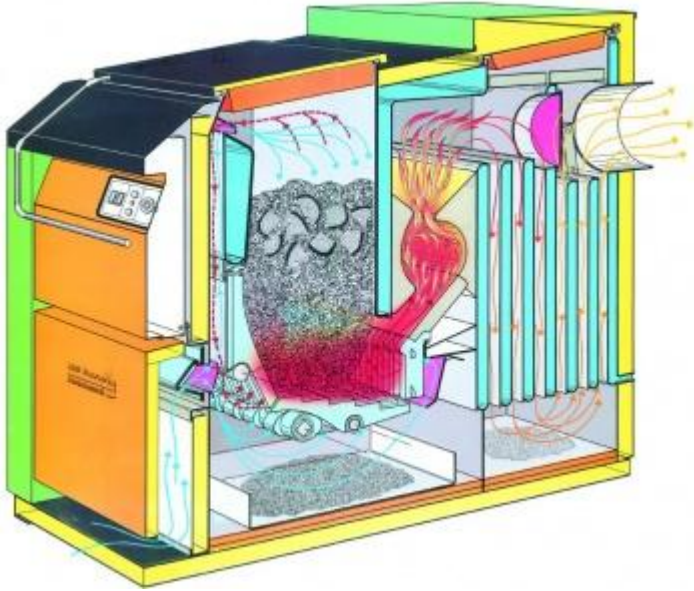


The HDG Bavaria boiler was developed for a large variety of fuels.

Wood logs, Wood chips, Shavings, Pressed wood briquettes, Secondary Clean Wood waste

# HDG Bavaria 125/250kW Log Boiler

## Construction



The HDG Bavaria 250kW has a patented refractory lined vortex combustion chamber.

the manual primary and secondary air regulation ensures the uniform burning performance of different fuels.

## High quality steel construction



The fuelling chamber is made of 10 mm thick high-quality sheet steel: a sign of the famous HDG Bavaria durability.

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### HDG Bavaria 250kW Technical Data

|  |              |
|--|--------------|
| Nominal Heat Output                              | 250kW        |
| Fuelling chamber inner width, loading hatch mm   | 750          |
| Fuelling chamber inner width, at grate height mm | 1250         |
| Fuelling chamber inner depth mm                  | 450          |
| Water content litres                             | 660          |
| Flue outlet size mm                              | 350          |
| Flue draught requirement pa (WG)                 | 20<br>(0.20) |
| Boiler weight kg                                 | 3300         |
| Maximum operating pressure bar                   | 3            |
| Maximum temperature 0C                           | 95           |
| Overall depth mm                                 | 2010         |
| Overall width mm                                 | 1640         |
| Overall height mm                                | 1990         |
| Flow height mm                                   | 1730         |
| Flue outlet height mm                            | 1440         |
| Return outlet height mm                          | 850          |
| Flow return size DN (inch)                       | 100 (4)      |
| Pivoting range of ash doors mm                   | 830          |