

A wood chip boiler for pros

Heat large buildings cheaply, comfortably and in an environmentally-friendly way

If you want to generate heating outputs of over 300 kilowatts, the details of the boiler play a decisive role: the quality and efficiency, but also the comfort when filling the store room, the maintenance as well as the flexibility in terms of the wood chips that can be used. The ETA Hack VR for 333 to 500 kilowatts is a sophisticated Austrian quality product for those who want the best at a fair price.

Especially in larger buildings, industry, commerce or if you want to create a heating network, it pays to rely on wood chips. The domestic raw material, which is largely produced from thinning materials, split wood after storm damage and sawing residue from wood processing plants, is crisis-proof, stable in price, very cheap and environmentally friendly. Heating with wood chips is fully automatic – and also smooth if you use quality components all around!

The ETA company from Upper Austria is setting new standards in terms of innovative details of biomass boilers. The boilers are not the only units partially equipped with exclusive, patented extras: the whole system from the storage to the fuel transport right through to the disposal of the ash are all perfectly designed for one another.

Modular system for feeding

Especially for large wood chip boilers, feeding systems that are precisely adapted to the structural situation are very important. The ETA modular system provides not only many standard variants, but also special solutions such as two agitators for one boiler or one agitator for two boilers. The discharge systems from ETA are so powerful that they can easily deal with coarse and very uneven wood chips. Thanks to the standard flue gas recirculation, the best efficiency is achieved with pellets too.

Efficient and safe

The combustion itself takes place not only highly efficiently, but it is also completely safe. Thanks to the patented single chamber rotary valve, there can never be an open connection between the combustion chamber and the fuel store. Burnback is therefore excluded. It also works with longer wooden pieces for low power consumption.

Sophisticated system technology

The ETA HACK VR is the perfect boiler for local and district heating networks. Up to six boilers can be connected together in a cascade. Thus, very high output requirements can be easily fulfilled too. The controller can record all data which is required by QM wood, the current quality management system for wood heating plants and output it in tabular form. The integrated MODBUS/TCP interface allows connection to a superordinate control system. So the ETA HACK VR can also perfectly fit into existing control concepts.