



The Biomass Heating System

Introducing our Products. KWB stands for Kraft (power) and Wärme (heat) from Biomasse (biomass) and is synonymous with cutting-edge biomass heating systems from Austria. The brand from Styria in Austria was created by the pioneering spirit of the researcher August Raggam and the committed organic farmer Erwin Stubenschrott, who as the pioneers of regenerative energies have always followed a clear vision: We Provide Energy for Life!

With this promise, we provide our customers with the certainty that KWB's biomass heating systems set an unmistakable signal for the responsible handling of resources and the protection of life for the next generations on our Earth.

We have been developing and producing innovative premium heating system solutions since 1994. From that time on, we have repeatedly reconfirmed our continuous innovative strengths in the further developments we produce as a brand manufacturer. Starting with the first wood chip heating system with fully automatic heat exchanger cleaning system, the development of the under-feed combustion for wood pellet heating systems, to the establishment of the first (and currently the largest) private research and development centre for biomass in Europe. KWB Research and Development Centre: for biomass in Europe.



KWB PelletfirePlus is the robust pellet heating system for economical heating. The large power range of 45 to 135 kW combined with highest flue flexibility makes it possible to deploy the new KWB PelletfirePlus pellet heating system in larger single family homes or commercial facilities including smaller district heating networks.

Benefits of a KWB Pelletfire Plus: Robust pellet heating System for economical heating
CFD-optimised silicon-carbide combustion chamber
CFD-optimised nozzle geometry and arrangement
High efficiency combustion
Clean combustion Crawler burner
Automatic ash removal

Ratings: 45, 55, 65, 75, 95, 115, 135 kW

Area of application: detached and semi-detached houses, agriculture, large buildings (schools, housing), industry, district heating network

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KWB Classicfire It is still in fashion to use log wood for heating. With a burning time of up to 20 hours, the KWB Classicfire combines the benefits of traditional wood heating with the convenience of modern heating systems. The KWB Classicfire can fire log wood with a maximum length of 55 cm and coarse wood chips.

A lambda sensor ensures high combustion quality and very low emissions. A combination of the KWB Classicfire and a KWB buffer tank or stratified storage tank is ideal because it optimises utilisation of the heat generated.



Benefits of a KWB Classicfire

Reliable and traditional heating for firewood up to 55 cm

Separate convenient heat-up door

Large fill area

Low emissions

Proven firing concept

Ratings: 20, 30, 40, 50 kW

Area of application: Detached and semi-detached houses, agriculture



KWB Easyfire. The Easyfire wood pellet heating systems with cleanEfficiency technology are among Europe's best-selling wood pellet heating systems and are the cleanest wood pellet heating systems in the world. Their power consumption is much less than that of a standard television set. But most importantly, they can cut your heating costs by half!

The under-feed combustion system, invented by KWB, ensures completely smooth combustion processes and enables emissions within the regulated guidelines. Thanks to the efficient combustion, emptying the convenient movable ash container is easy and comfortable, and is necessary only once every two years (depending on the size of the system).

Benefits of a KWB Easyfire: Heat simply and cleanly

With a footprint of just 0.75 m²

convenient movable ash container

fits in any boiler room

emissions within the regulated guidelines

Ratings: 8, 12, 15, 22, 25, 30, 35 kW

Applications: Detached and semi-detached houses, agriculture, large buildings (schools)

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KWB Multifuel. The large power range of 20 to 120 kW combined with highest fuel flexibility makes it possible to deploy the new KWB Multifire wood chip and pellet heating system in a larger single family home, in commercial facilities including smaller district heating networks.



Benefits of a KWB Multifire:

A robust all-rounder for economical heating.

CFD-optimised silicon-carbide combustion chamber

CFD-optimised nozzle geometry and arrangement

Stress-free high efficiency combustion

Crawler burner with high-alloy and self-cleaning cast rotary grate elements

Automatic ash removal High efficiency turbulators

Ratings: 20, 30, 40, 50, 60, 80, 100, 120 kW

Area of application: Detached and semi-detached houses, agriculture, large buildings (schools, housing), industry, district heating networks



KWB Powerfire Our power package is one of the most compact heating systems in the 150 to 300 kW power range. The KWB Powerfire can be fired with wood chips or pellets and is perfectly suited for supplying regional district heating networks and larger buildings and systems (contracting).

In this power range in particular, the payback period is particularly short. This means that the KWB Powerfire can also be leased. The "Energie Genie" (Energy Genius) and "Energy Globe Award" innovation prizes are proof of the high product quality of the KWB Powerfire.

Benefits of a KWB Powerfire: Quiet power package for reliable heating

Compact rotary-grate combustion system

Cyclone combustion chamber for minimum emissions

Convenient 240-litre ash container

Extendible substructure

Full 10-year guarantee

Ratings: 130, 150, 200 (only available in the UK), 240, 300 kW

Area of application: Agriculture and outbuildings, large buildings (schools, housing), industry, district heating networks

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