

**YOUR
BENEFITS
BY
KOHLBACH**



COMBUSTION, SYSTEM K12

Combustion technology:

Central flow furnace with moving grate and water cooled compression zone

Furnace thermal output:

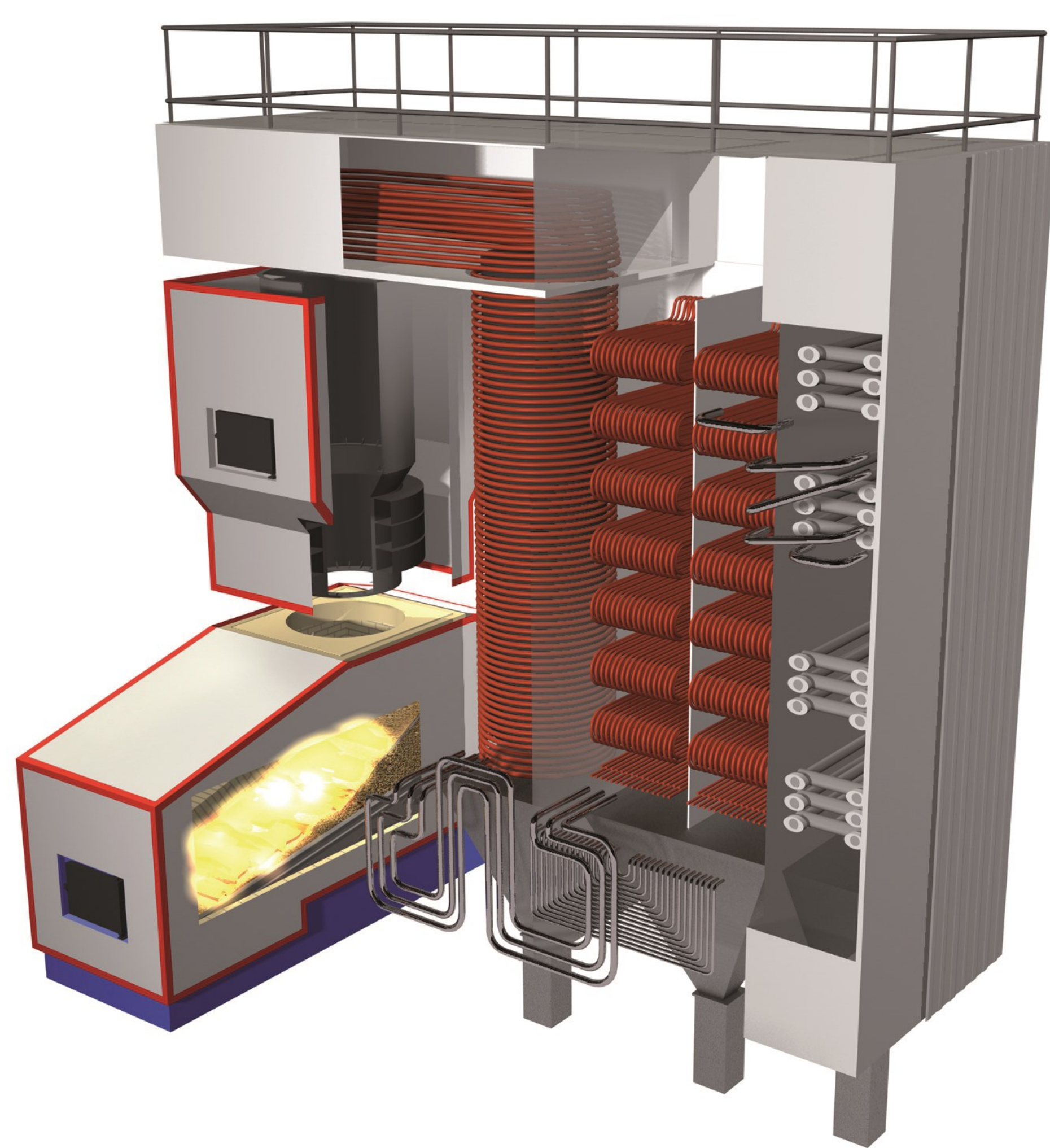
4,000 to 18,000 kW

Fuel:

Water content [% weight]: 20 to 60 depending on configuration

Size [nominal length mm]: 30 to 100

Maximum ash content [% weight]: 10



Your benefits by Kohlbach:

- Adiabatic centre-flow furnace for optimised efficiency and lowest emissions even with very heterogeneous fuel material
- Equipped with hydraulic moving grate, also suitable for very wet and dirty fuels with very high ash content (up to A10), as well as for 100% wet bark, landscaping residues, Nawaro wood, etc.
- No arches thus preventing ash deposits and significantly reducing maintenance workload
- Hydraulic fuel feed with shearing devices for fault-free feeding even with wet and rough fuel materials
- Reliable nominal power and long operating life

For all applications:

- Warm/hot water boilers: Warm water up to 110 °C and hot water up to 200 °C, 2 or 3 pass
- Steam boilers: from 0.5 to 40 bar, hot steam temperatures up to 450 °C
- Thermal oil boilers: Process heat at high temperature levels (supply temperatures > 150 °C to 315 °C)
- High-pressure steam boilers for steam turbines and engines: Fire tube boilers up to 40 bar or water tube boilers for higher pressure levels, 6,000 kW or higher
- Thermal oil boiler plants for ORC technology (Organic Rankine Cycle): For small combined heat and power plants ranging from 200-2,200 kW electric, tried and tested durable technology

We would be delighted to advise you personally:

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