



**KOHLBACH**

**YOUR  
BENEFITS  
BY  
KOHLBACH**

## PELLET COMBUSTION, SYSTEM K13

### Combustion technology:

Co-current flow furnace with moving grate, upstream recess and auger stoker

### Furnace thermal output:

900 to 6,800 kW

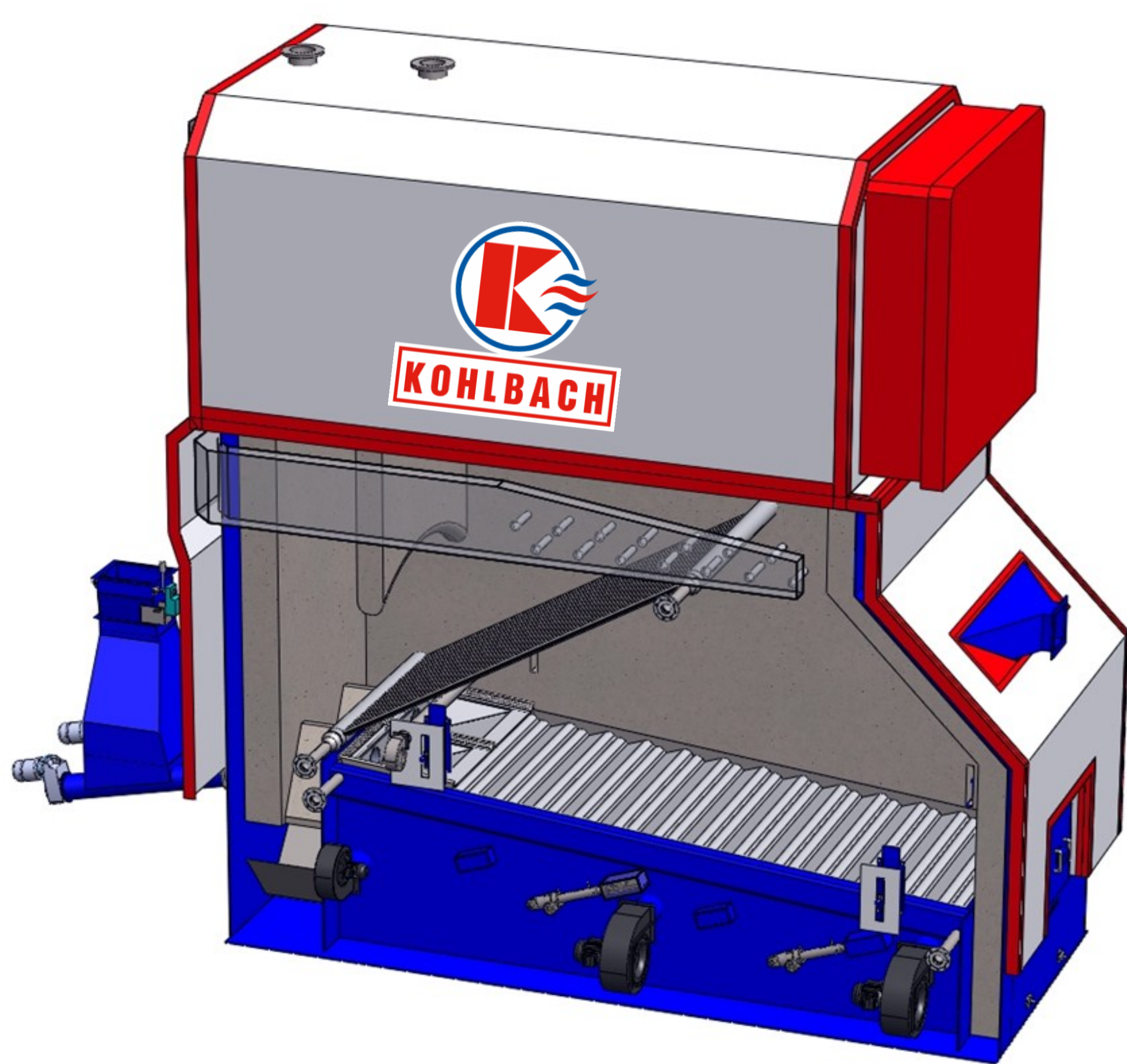
### Fuel:

Ideal for ENplus pellets according to E14961-2, quality A1, A2 and B (industrial pellets)

Water content [% weight]:  $\leq 10$

Size: Length 3,15 to 40 mm, diameter 6 and 8 mm

Maximum ash content [% weight]: 3



### Your benefits by Kohlbach:

- Pellet combustion in industry-standard configuration for use with ENplus pellets and industrial pellets and wood chips for greater independence from the fuel market
- Electrical moving grate, primarily for varying pellet qualities or pellet qualities that deviate from the standards
- No arches thus preventing ash deposits and significantly reducing maintenance workload
- Compact furnace for optimised efficiency and lowest emissions
- Reliable nominal power with all usable fuels and degrees of water content
- Reliable long lifespan of combustion chamber thanks to full refractory lining and grate frame construction being cooled with boiler water and combustion chamber cooling
- Rapid and simple installation thanks to pre-assembled modules

### Already realized projects:

- European biggest pellet combustion plant in Sinsheim (Germany): with hot water boiler: 6.000 kW thermal output, 130 °C, 13 barg
- Hemmingen (Germany): 1500 kW warm water boiler plant
- D-Leonberg: 2x1600 kW Warmwasserkesselanlagen

### We would be delighted to advise you personally:

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