

B O I L E R H B F C

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Model: HBFC

Firetube With Cooled Grate



B
BREMER
SÍMBOLO DE CONFIANÇA



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TECHNICAL CHARACTERISTICS

- Type: Firetube with cooled grate
- Capacity: 1ton/h to 8ton/h steam
- Work pressure: 10kgf/cm² and 15kgf/cm²
- Main fuel: firewood in logs, wood chips, sawdust / shaving woods, coffee chaff, cocoa chaff, coconut shells, peanut shells.
- Compact construction
- Self holding chimney
- Low operational costs
- Simple civil base without intervention in the mechanical installation.
- Elements prepared with entrances for quick assembly.



CONSTRUCTIVE DETAILS

- Manufactured with plated tubes in direct welding process in submerged arc.
- Integrated grate in the thermal oil system which guarantees cooling.
- Easy cleaning of grate
- Furnace with plated tubes throughout its length without application of refractories.
- Biomass distribution system across the width of the grate ensuring excellent burning.



OPERATIONAL CONDITIONS

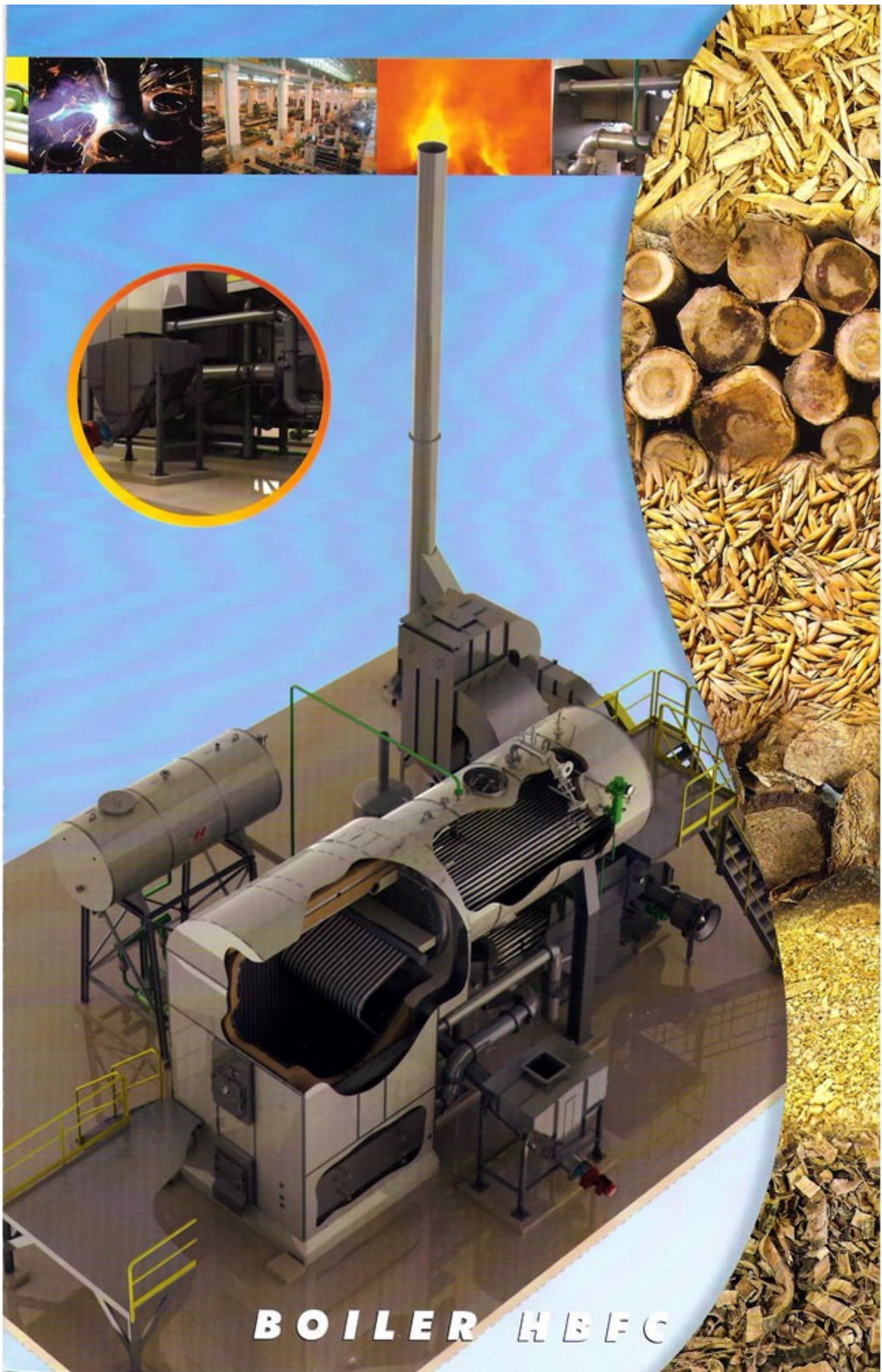
- CO₂ content: 14%
- CO content: Below 400 ppm (according to Norm ISO 14000).
- Level of noise: lower than 85 dB.
- Gas temperature at heater output: 230°C.
- Gas output temperature after air pre-heater: 180°C.
- Heated air temperature: 130°C.
- Access platforms.
- Project and construction according to Norm ASME I.



MAIN APPLICATION:

- Rubber and plastic industry
- Food industry
- Textile industry
- Chemical industry
- Paving companies
- Autoclave, reactors and deodorizers
- Food processors
- Paints and varnishes industry
- Paper and cellulose industry
- Lumber Mill
- Steam generation systems without combustion
- Furnaces and presses
- Wax processing
- Printers and packaging machines
- Treatment and finishing of surfaces
- Indirect heating of water or air
- Laundries
- General heating systems.





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