



## Boilers PB HS Series

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### Boilers PB HS Series

Our boilers of the PB HS Series, compliant with the European Directive 2014/68/EU, represent the state of the art in the field of superheated water boilers. They're built following the most up-to-date technological concepts and using the most advanced processing systems.

#### Datasheet

Output:	from 1.400 to 17.000 kw
Rated pressure:	up to 18 bar (higher pressures on request)
Working temperature:	over 110 °C
Standard efficiency:	91%
Efficiency with energy recovery systems:	up to 95,5%

Features



### Areas of use



Food & Beverage



Textiles - Clothing



Chemicals -  
Pharmaceutical



Energy and other  
sectors



Industrial laundries



Paper industry

### Features

**They can be configured for unattended operation for 24/72h (for EC market)**

**Low emissions of NOx and CO**

**Connection availability for remote control with complete supervision of the boiler or the boiler room for remote monitoring and remote diagnosis**

**Wet back**, with no refractory material, in order to cut off maintenance costs, the loss of heat through radiation and rear tubeplate overheating.

**Three passes** (the first one in the firetube, the second and the third one in the pipes), **with passing flame design**, to increase thermal efficiency.

**Fox corrugated firetube** as a standard for models with output  $\geq 7$  MW, on request for lower outputs.

Downwards **firetube eccentricity** to favour the water circulation inside the boiler.

**Absence of pipes** in the lower part to facilitate cleaning of the water side.

**Large diameter firetube** to improve efficiency and observe the environment regulations in force regarding emissions.

**Flanged tubeplates**. Flangings absorb the body and the tube nest expansion,

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Boilers PB HS Series

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uniformly acting as compensators.

**Smoke tubes expanded** only to tubeplates.

**Maximum serviceability** of smoke side and water side. Both the front and rear smoke boxes are supplied with 2 hinged doors which are completely openable in order to ensure an easy inspection of the smoke side. Access tube for inspection of combustion chamber, with flame inspection window. The big diameter boiler body is complete with manhole and inspection handholes or manholes.

Reg. (EU) 2016/679 (GDPR 2016/679) - [More information](#)

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