

Horizontal Water / Fire Tube Boilers

Description:

Boilers characterized by water-tube furnace and a fire-tube pressure body. Water-tube furnaces can be coupled to existing fossil fuel boilers in order to burn biomass / waste.

Range power:

750 kW at 12.000KW

Pressure range

0.5 to 25 bar

Main advantages:

Wide pressure range

Extended power range

Ideal for burning waste with low ash content.

It can be coupled to:

Water cooled Mobile-grate Furnace

Water cooled Vibrating-grate Furnace

Water cooled Floping grate Furnace

Fixed / Tilting grate Furnace

These devices are controlled by automation systems, variable speed and high quality instrumentation with proven robustness, with tuned control systems depending on the type of equipment / type of fuel.

All our pressure devices are equipped with redundant safety systems and may achieve SIL 2 classification or SIL3 according to IEC 61508.

