



Fire-tube boiler and tubular exchanger systems using shock wave generators GFU - 24/8

Fire-tube boilers and other tube exchanger are built in many companies in Poland. They have many advantages and are inexpensive in purchase costs. However the basic problems of fire tube boilers is the need to manually clean the flue gas pipes. Due to the number and length, manual cleaning is very cumbersome and inefficient. After a few days, the temperatures of exhaust gases and increased consumption of carbon are observed. EKOZUB Ltd. Company proposes the installation of cleaning system based on shock wave generators. The installation is permanently installed and operates for the entire duration of the boiler operation. The high operation frequency of the cleaning system (on average every 10 minutes) allows the boilers and heat exchangers to be kept clean and uniformly heated throughout their range. This increases the efficiency of the boiler and its service life, while reducing operating costs. Due to the innovative technology applied, shock wave generators GFU-24/8 allow the boiler to be cleaned from the exhaust side of the combustion chamber, thereby achieving the effect of the most intensive dirt place on the boiler.



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Cleaning of fire tube boilers - realizations

EKOZUB Ltd. Company has made over 40 installations of various types of fire-tube exchanger in many companies. Our installations work in the horticultural sector, medical waste incinerators, in heating companies and in many industrial plants, where solid fuels or waste are burned.



Incinerator medical waste in Konin



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**Petrochemia Blachownia S.A –
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**Incinerator medical waste
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