



Stocker fired boiler convection surface cleaning system using shock wave generators GFU-24/8

EKOZUB Ltd. Company has made more than 60 stocker fired boilers convection surface cleaning systems. Our installations work in power plants, heating companies and many industrial plants.

They are characterized by very high cleaning efficiency and low operating costs.



They trusted us, among others :

PGNiG TERMIKA EP S.A. "Moszczenica" - two WR-25 boilers

PEC Gliwice Sp. z o.o. - three WR-25 boilers

WEPA PIECHOWICE S.A. - OR-16 boiler

Węglokoks Energia Sp. z o.o. - seven WR-5 boilers, WR-10

PE Megawat Sp. z o.o. - OR-32 boiler

Nordzucker S.A "Opalenica Sugar Plant" - two OR-32 boilers

PEC Jastrzebie S.A - three boilers WR-25

Südzucker Polska S.A. "Cerekiew Sugar Plant" - two OR-32 boilers

Südzucker Polska S.A. "Strzelin Sugar Plant" - OR-32 boiler

ZEC Starachowice Sp. z o.o. - WR-17 boiler

MPEC Sp. z o.o. In Piekary Śląskie - two boilers WR-5

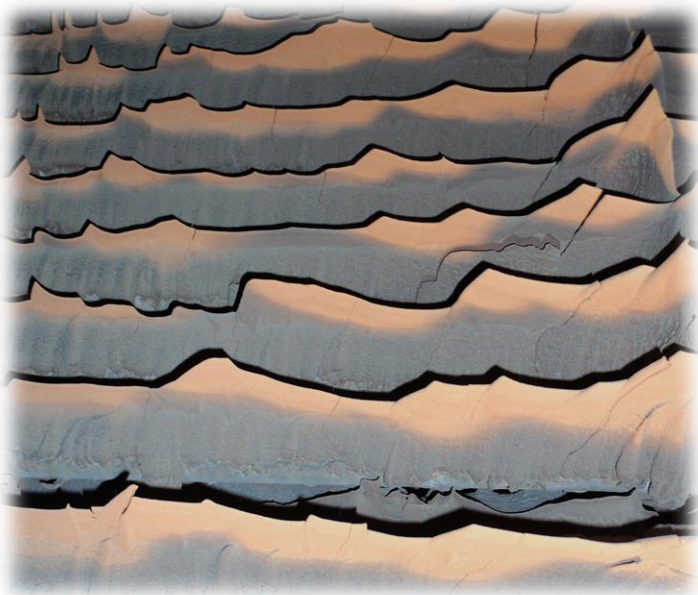


Stocker fired boiler convection surfaces cleaning system - technical description

GFU-24/8 shock wave generators have been used in the convection space cleaning system. The shock wave initiating medium is compressed air at a pressure of up to 8 atmospheres. Air quality, including humidity and solid particulate matter, do not affect the proper operation of generators. The first in Poland and Europe convection surface cleaning installation based on shock wave generators was built in 2009 on the WR-25 boiler at PEC Gliwice Sp. z o.o. Currently cleaning systems are built on over 100 objects in Poland and abroad.

Distinguishing features of the cleaning system based on shock wave generators GFU-24/8 in relation to commonly used solutions:

- ✓ high efficiency of cleaning in relation to energy expenditure,
- ✓ low operating costs,
- ✓ low consumption of compressed air,
- ✓ no need to expand existing compressor plant,
- ✓ commonly used compressed air pressure up to 8 bar,
- ✓ installation does not require the use of large air buffer tanks,
- ✓ possibility of building generators on boilers with tight walls and in traditional version,
- ✓ lack of mechanical impact of the shockwave on the pressure elements of the boiler and the brickwork.



Water heater pipes contaminated with sediments without a system



Water heater pipes without visible deposits, cleaned by a shockwave