



EKOZUB business activity

EKOZUB Ltd. Company was established in 2011. We operate in the energy and industry sectors. The main customers of our services are power plants, CHP plants and industrial plants. We specialize in boiler cleaning systems and flue gas heat exchangers. Our installations bring specific economic benefits to our customers by reducing the amount of fuel burned. We also eliminate cumbersome manual cleaning operations. We cooperate with scientific centers in Poland and abroad. Our technologies help solve operational problems in a variety of industries and power sectors of industries. Thanks to our solutions we increase the efficiency of heat production and electricity.

Range of activities:

1. Installations for cleaning of heat exchange surface of boilers and heat exchangers based on GFU-24/8 shock wave generators including :
 - stoker-fired boilers type OR or WR,
 - fired-tube boilers and flue exchangers,
 - biomass-fired boilers,
 - solid fuels fired boilers,
 - waste heat recovery boilers in waste disposal installations,
 - recovery boilers in technological installations.
2. Installation for removal of overhangs in bunkers and tanks containing biomass, pulverised coal and other loose materials.
3. Optimization of fuel feeding systems as well as slag and ash collection.
4. Technical overhauls of boilers and industrial installations.
5. Wet scrubber systems for gases cleaning based on water scrubbers.
6. Cleaning of pressure pipelines using hydrodynamic cavitation generators.
7. Industrial vacuum cleaners.



The characteristic features of the cleaning system based on shock wave generators GFU 24/8 in relation to over commonly used solutions is :

- low consumption of compressed air,
- security for system by using as an air medium or other inert gas,
- installation does not require large buffer tanks,
- no mechanical damage to the pressure part,
- no damage of brickwork,
- ability of building generators without additional constructions and platforms,
- low operating costs,
- ability of building in co-current and counterccurrent to the stream of solied gases,
- high cleaning efficiency,
- guarantee of surface cleaning efficiency,
- no need to expand existing compressor air network,
- used pressure range from 6,5 bar to 9,5 bar,
- ability to meet noise standards,
- possibility to install the system in the area of high temperature operation,
- working under the hardest conditions is not a problem, it means: high dustiness, high temperature, work with exposure to atmospheric conditions, operation of the generator fully immersed in the water,
- vissible economic effect – increase efficiency of exchangers from 2 to 5% per year,
- prolonged operation of boilers, exchangers and installations with installed cleaning system,
- innovative installation of the GFU 24/8 generator from the flue gas inlet.

