

Maxsys Fuel Systems – proven natural gas saving technology (www.maxsysltd.com)

About Maxsys Fuel Systems:

Maxsys Fuel Systems engineers and manufactures technology products that deliver energy savings (gas and oil) of at least 5%, a figure that translates into a significant benefit for large energy users.

Maxsys systems are widely used in plants across the UK, Europe and USA.

The Maxsys Fuel System is a patented fuel treatment device that applies a magnetic field to the fuel just before combustion, producing a cleaner burn and reducing carbon emissions, which helps sites to achieve financial savings as well as CO2 emission targets.

The System is suitable for boilers, kilns, furnaces, ovens and dryers. The Maxsys Fuel Systems are in use in a wide range of industries including automotive, chemicals, food & beverages, minerals, metals, packaging, plastics, paper, steel and textiles.

Maxsys Fuel Systems Ltd is part of the international burner and combustion equipment manufacturing Group, Selas Heat Technology Co. LLC, headquarters in Streetsboro, OH USA.

How Maxsys Fuel System works:

The Maxsys Fuel System focuses on minuscule impurities (approx. 20 nanometres in diameter) in natural gas. When the gas comes into direct contact with the System's magnetic field, these impurities cluster into larger particles of approx. 200 nanometres.

As a result the gas mixes better and faster with oxygen from the air immediately before combustion. This produces a slightly hotter flame, a much stronger transfer of radiant heat, and ultimately more usable heat per cubic metre of gas. The Maxsys Fuel System, which contains finely tuned permanent magnets, works optimally when installed within 1.5 meters before the burner. The more remote from the burner, the lower the effectiveness of the System.

Installation of Maxsys Fuel System:

Maxsys Fuel Systems are designed, built and calibrated based upon the individual requirements of each customer and the type, usage and setup of their equipment. To ensure all factors are accounted for, engineers survey each customer site prior to manufacture, so that detailed high resolution 3D animations and drawings of the installation pre and post work can be made and evaluated.

The Maxsys Fuel Systems are certified to:

- CE mark
- Pressure Equipment Directive 97/23/EC
- NDT (Dye Penetrant Inspection)
- Coded Welding
- Gas Safe registered
- 316 stainless steel/materials traceability
- ATEX certification

References:

- General Motors
- Ford Motor Corporation
- DS Smith
- SCA Hygiene
- Unilever
- Coca Cola
- Danone / Nutricia
- Croda Chemical

Sincerely yours,

Zeljko Bandur

Zeljko Bandur

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