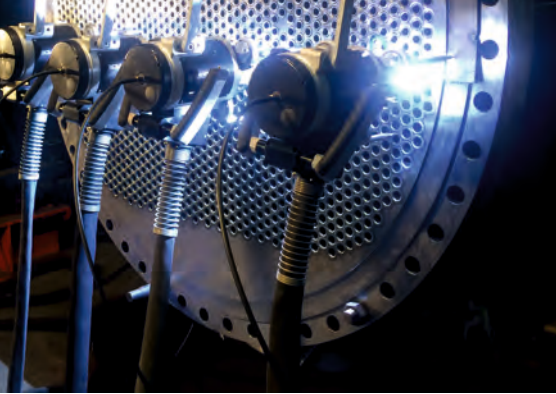




# Heat Exchanger Service



MaasTT offers a complete service for Maintenance, Repair and Overhaul of your tube shell heat exchangers.

Our clients work in 4 sectors: Food, Pharma, Marine & Industry.

Many issues start with scaling, adherence of contamination and corrosion.

## Planned preventative maintenance

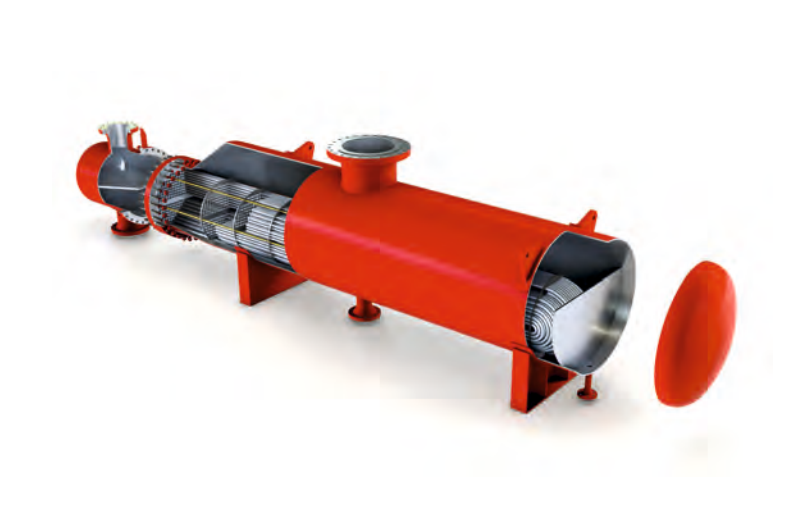
Cost for maintenance and repair can be reduced by planning preventative maintenance. By keeping the heat exchanger free of contamination, the efficiency will be kept optimal.

Proper design and positioning are key for good accessibility for routine monitoring and service. Would maintenance not be possible at your production location, we will arrange an alternative site, suitable for cleaning activities and repair.

Planning your MRO activities in advance, will create sufficient time for good work preparation. This results in more efficient and safer execution. At the same it allows better management and control over your process systems:

- Avoid unexpected downtime of your process
- Increased life expectancy of your system
- Higher product output

Regular monitoring and service of your system reduces the chance of corrosion and permanent damage.



## Diagnose

During a site visit we assess the status of your system and may take samples. We report our findings and advise remedial actions.

## Cleaning methods

Chemical cleaning can be done with circulation, spraying, or immersion.

Mechanical methods are for example dart-cleaning and high-pressure cleaning

## One-stop-shop

For efficiency we exchange gaskets and valves simultaneously

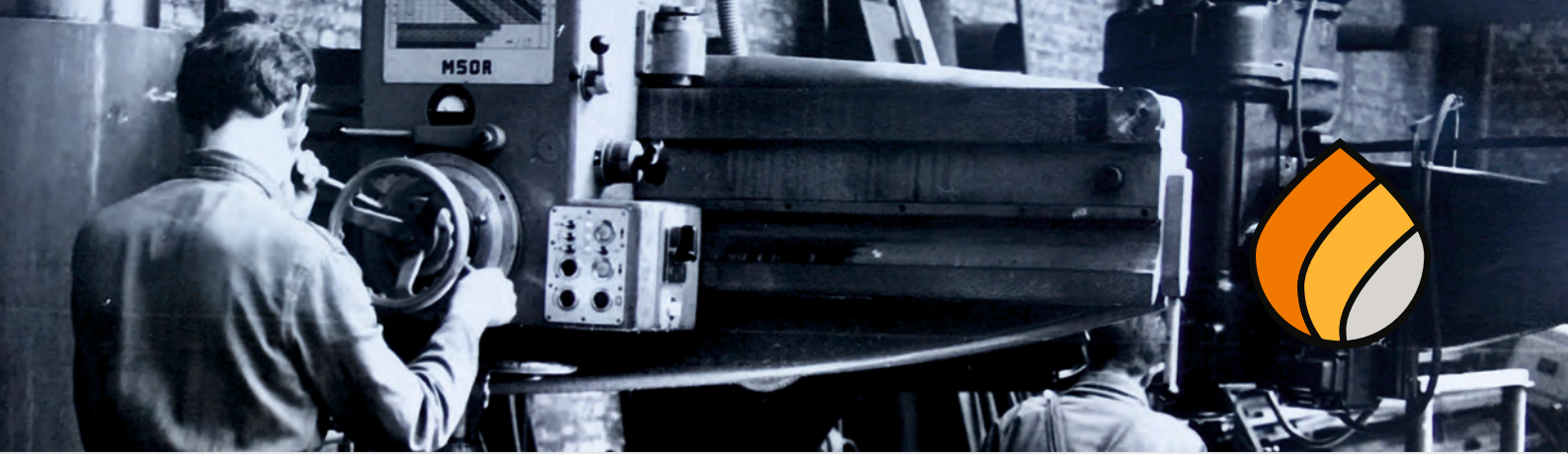
**CONTACT US IF YOU NEED ASSISTANCE WITH YOUR PROJECT**

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### AGM designs and manufacturers replacement parts

Based on reverse engineering Atelier Geens Metanax fabricates high-end parts as per the original specifications, or an improved alternative.

### Bundle re-tubing

We offer complete re-tubing of heat exchanger bundles, re-using existing components where possible to minimise cost. Our big bundle sawing machine is capable of handling tube bundles up to 2000mm in diameter, significantly reducing the re-tubing



### Document control

Our service comprises of the complete administration and keeping the logbook accessible for every heat exchanger:

1. Quality certificates
2. Maintenance administration
3. Repair history

We offer total project management. We arrange and manage all parties involved to communicate and work together effectively and efficiently. We organise the maintenance from beginning till end in close cooperation with your technical department.

### Proven cleaning procedures

After diagnosing the details of the contamination and assessment of the situation one of our cleaning procedures will be selected. This may consist of various procedural steps, such as: degreasing, pickling, descaling and decontamination.

### Strategic locations

From our home-depots in Antwerp, Rotterdam and Sheffield area and together with our partners we offer fast mobilisation to your site. Our maintenance team is 24/7 available with a flexible attitude and specialised equipment.

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