

STERILISATION SYSTEM

Sterilisation System for Category 2 & 3 Materials.
Reliable, scalable and fully compliant, ready for anaerobic digestion

Looking for a sterilisation solution that meets strict EU requirements and grows with your operation? Our system is designed to handle a wide range of capacities and materials, making it ideal for various applications in the rendering and biogas industry.



COMPLIANT
WITH EU
REGULATIONS

MAVITEC
GROUP

Technical Data Leaflet

Boosting Biogas With Smart ABP Sterilisation

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Energy Transition.

As the energy transition progresses, high-energy feedstocks such as animal by-products are becoming increasingly valuable for biogas production. Animal by-products (ABPs) offer strong potential for biogas production but processing them safely and in compliance with regulations requires the right approach. Sterilisation is a key step, especially when working with Category 2–3 materials.

Boost Biogas Yield

Thanks to their high organic content, ABPs can significantly boost biogas yield. With smart sterilisation in place, you get the most out of your feedstock while meeting every requirement.

Looking to optimise ABP sterilisation in your biogas setup?

We provide proven and compliant solutions!

Automated Sterilisation System

Our automated systems ensure reliable sterilisation and can handle all types of animal by-products, from soft materials to full carcasses. They reduce particle size and

ensure thorough sterilisation in accordance with the latest EU regulations (EU 1069/2009 and EU 142/2011).

The result: safe processing, full compliance and lower operational risk.



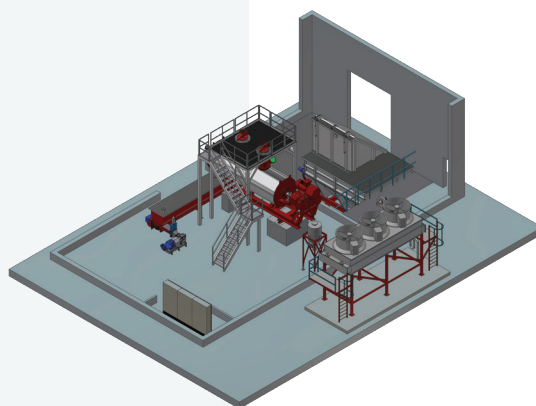


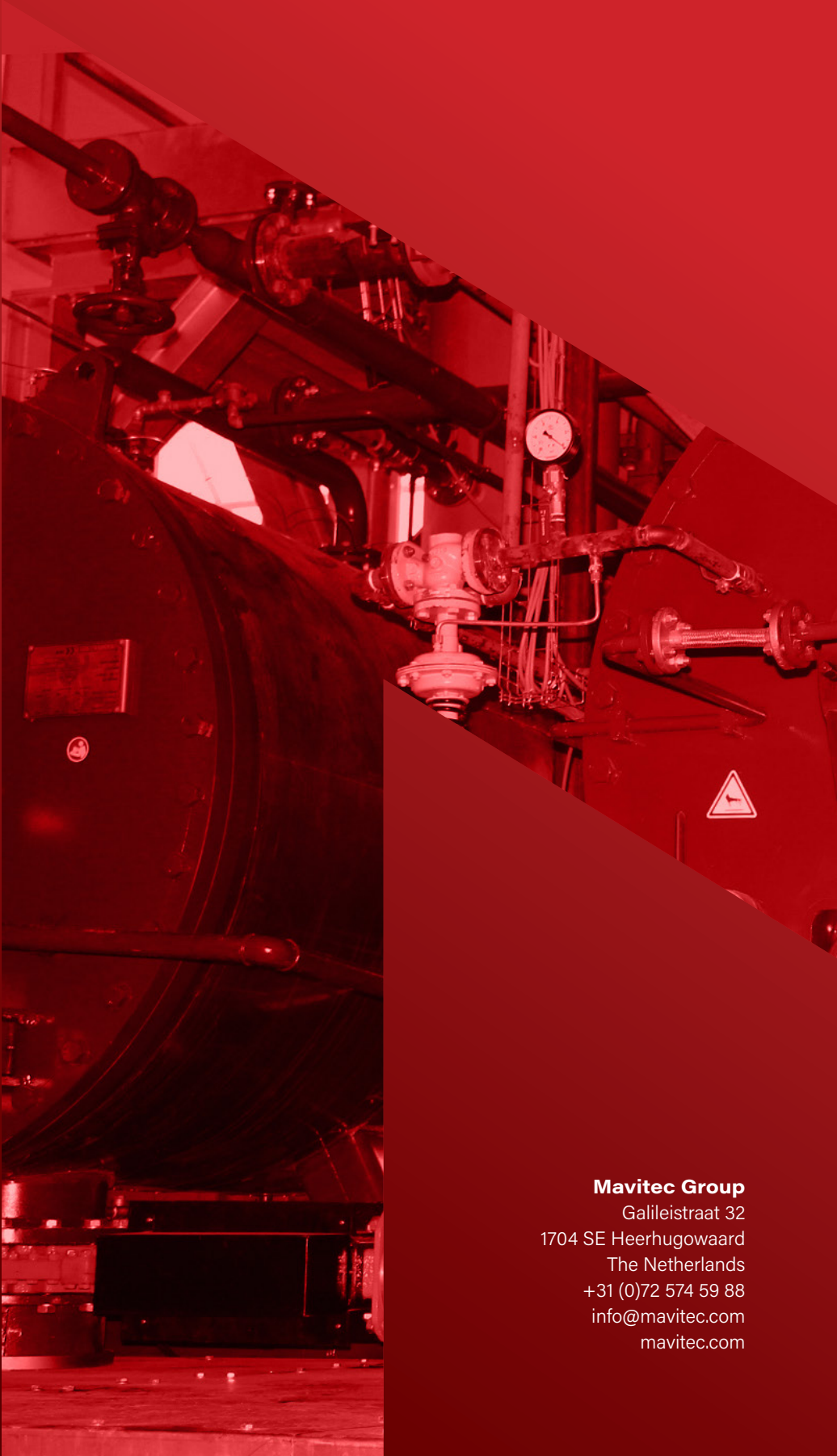
Customised Performance for Every Installation

Our sterilisation systems are tailored to your production needs. From modest 1,000 kg/day setups to industrial-scale operations of up to 20 tonnes per hour (with higher capacities available on request), the system scales seamlessly with your process.

Designed for versatility, the system processes both Category 2 and Category 3 animal by-products with ease. It is ideal for pre-treatment before anaerobic digestion and can even be used for digestate sterilisation when required.

Each system complies fully with EU Regulation (EC) 1069/2009 and Commission Regulation (EU) 142/2011, ensuring safe operation and a peace of mind. Its modular design makes the system future-proof and easy to expand. Capacity upgrades, smooth integration into existing lines and low-maintenance operation ensure a cost-effective, long-term solution.





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