

# XEAMOS

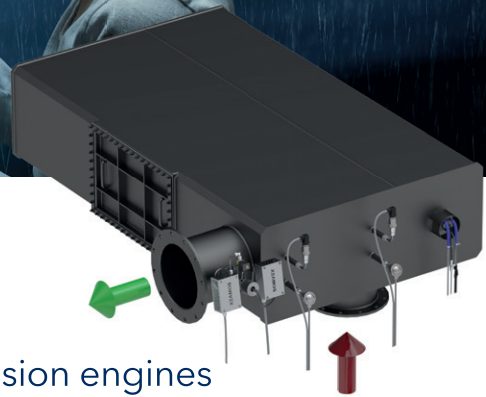
## Zero-NOx Custom Airless

Reducing emissions together



## Zero-NOx Custom Airless SCR

New Xeamos Solution for IMO Tier III marine propulsion engines



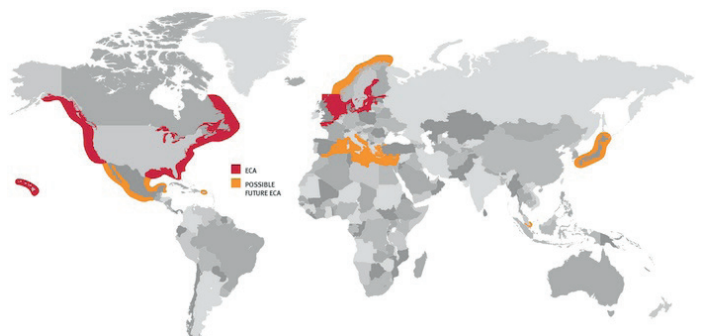
Driven by specific customer demands, Xeamos engineers have extended our range of IMO Tier III airless SCR systems. We are now able to apply airless SCR for propulsion engines in the range of 700 to 2000 kW. The compact size of these systems means they can be integrated into vessels between 30 to 50 metres in length. Lightweight versions are available to meet the requirements of catamarans such as crew transfer vessels and fast ferries, as well as search & rescue and patrol vessels.

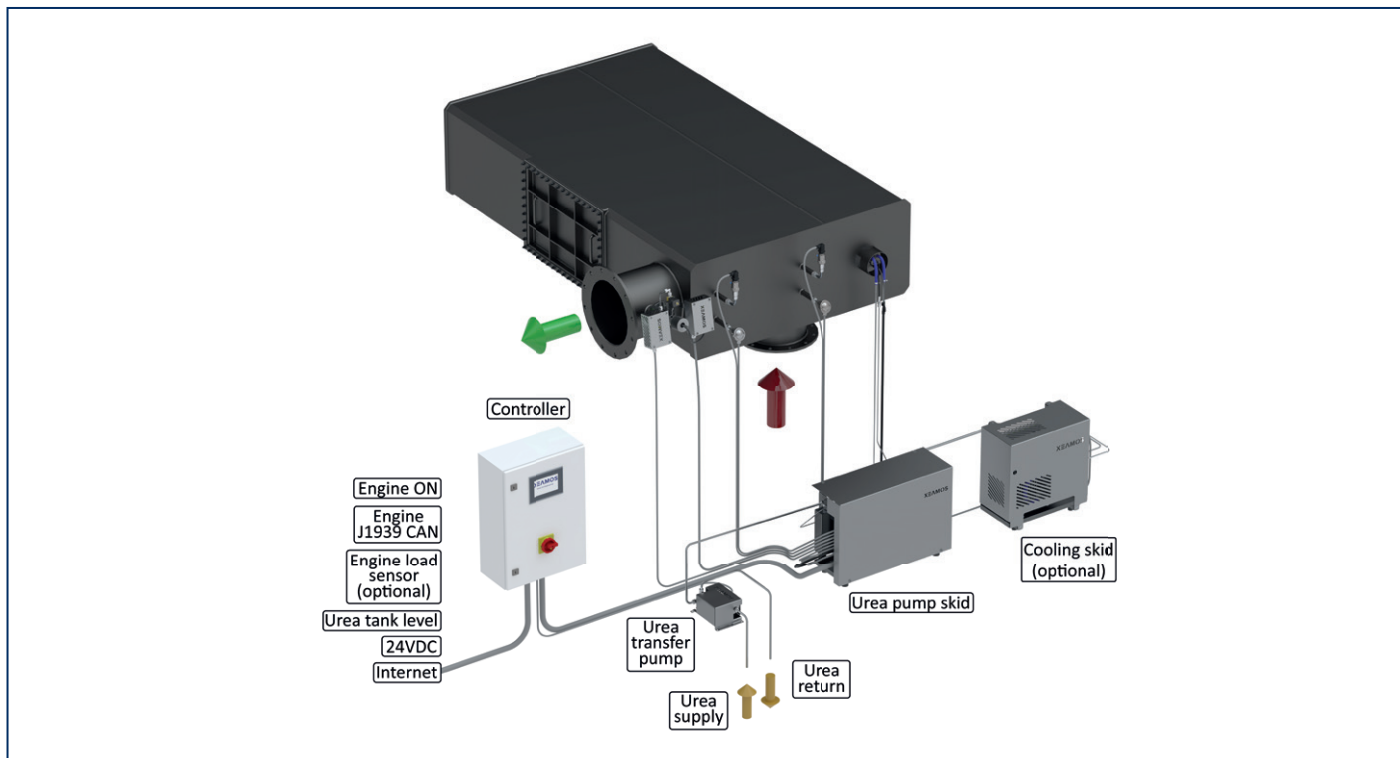
Xeamos SCR systems ensure that any diesel engine can comply with the IMO Tier III NOx emission standard or even better. They can be designed with integrated sound attenuation and in any geometry allowed by the laws of physics.

- Based on proven airless SCR technology developed by Xeamos engineers
- MARPOL NTC 2008, IMO III certified, or certification scheduled (depending on engine type)
- Zero-NOx systems can be applied in wet and dry exhaust systems, even if high back pressures can occur
- Custom line SCR systems can be tailored for geometry, in- and outlet positions, sound attenuation and pressure drop
- Based on our new-generation v3 controller platform
- Optional integrated sound attenuation, tuned for each specific engine model

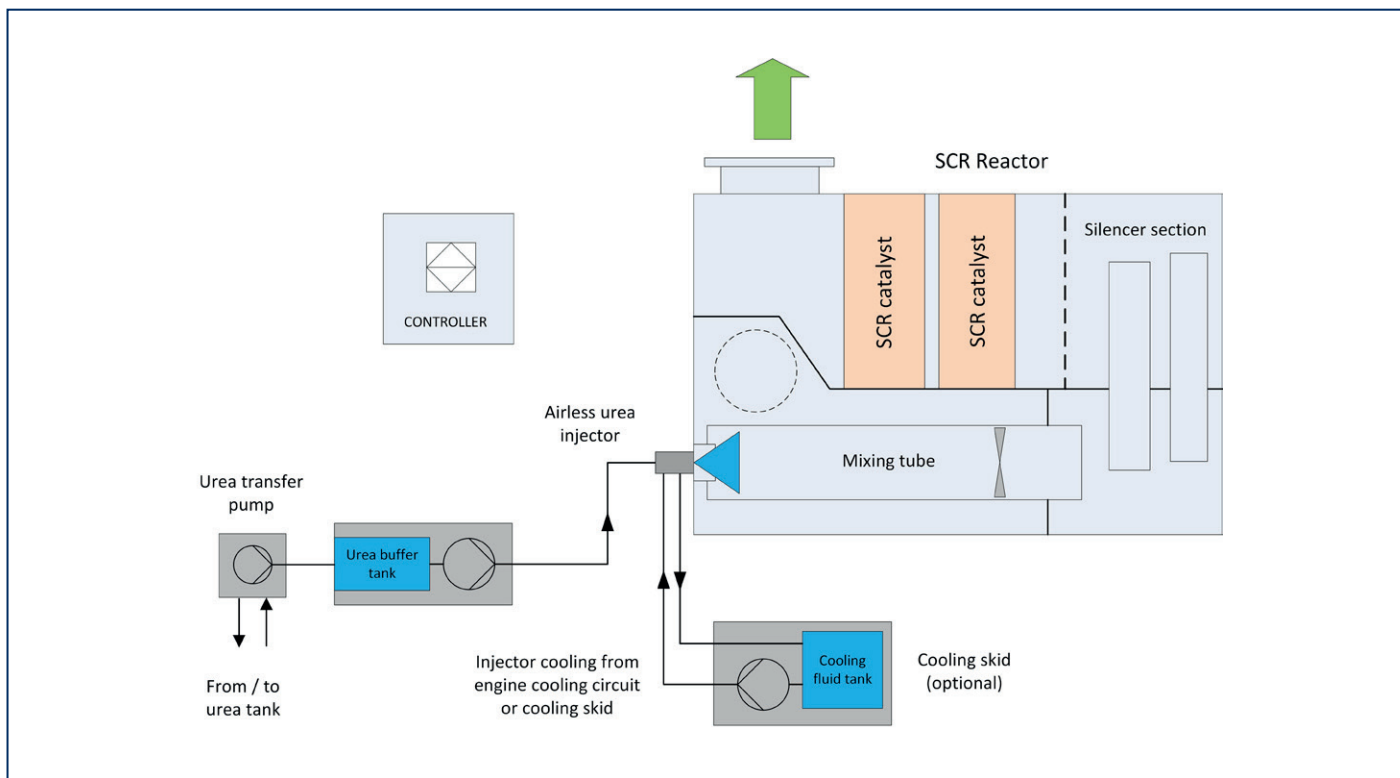
### Main Features

- Airless urea dosing up to 25 l/h (no compressed air required)
- 24 VDC power supply only
- Tailor-made reactor housing
- Optional integrated silencer
- Designed for harsh marine environments
- CFD and FEM aided design
- Suitable for sulphur-containing fuels
- For up to 600°C exhaust gas temperature
- Lloyds Register SSC approved (others pending)





Zero-NOx Custom Airless



Schematic process Zero-NOx Custom Airless single injector