

Emissions solutions Advanced SCR

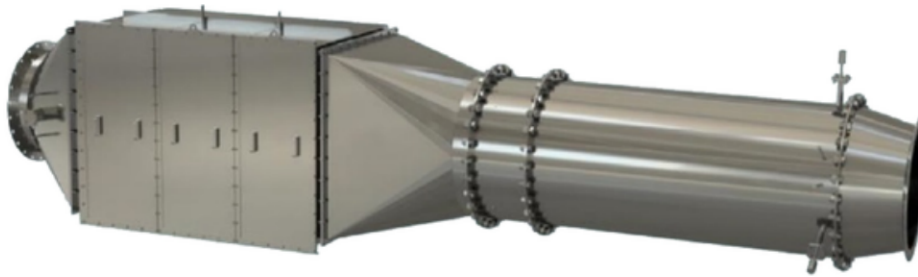
Prepare for decarbonization

HEADUP
services

cem
catemission



SCR System -
Advanced



CEMNOx stands as the pinnacle of Cat-Emission technology, overcoming the traditional challenges of SCR technology, with a compact and highly effective solution for motors up to 1Mw, and scalable configurations for larger applications (not limitations).

KEY BENEFITS

- 1.** **Durable catalysts:** Equipped with abrasion-resistant and long-operating metal substrates. Also available with ceramic substrates and special chemical coating for high temperature (>480 °C).
- 2.** **Optimal NOx Reduction:** Patented design, fouling-free bi-fluid lance for optimal atomization of reagents.
- 3.** **Acoustic advantage:** The SCR system also acts as a silencer, with FEM acoustic studies available to demonstrate its noise reduction capabilities.
- 4.** **Customization:** Offers ceramic, silicon carbide, or metal substrates, with CPSI from 50 to 600. The shape of the catalytic converter is customizable according to specific needs.
- 5.** **Efficient Design:** Highly configurable to suit various operational and installation scenarios while maintaining a compact size.

COMPLIANCE

Designed to achieve current European MCPD and NRMM levels for industrial applications.

Complies with strict IMO Tier III maritime standards.

CERTIFICATIONS AND APPROVALS



Certified EIAPP
available for various
engine models