

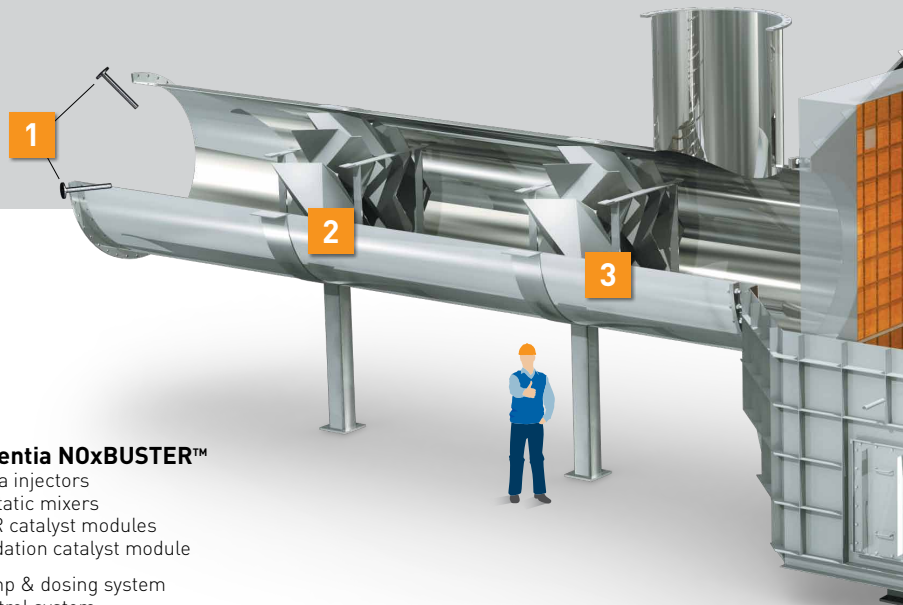


EMISSION CONTROL

SOLUTIONS FOR STATIONARY AND MARINE APPLICATIONS

PURE POWER, CLEAN ENERGY
ON LAND AND AT SEA





Proventia NOxBUSTER™

- 1 Urea injectors
- 2, 3 Static mixers
- 4 SCR catalyst modules
- 5 Oxidation catalyst module
- + Pump & dosing system
- + Control system

Proventia NOxBUSTER™ – SCR System for Pure Power

Today, when the whole world is continuously tightening emission restrictions both on land and at sea, a flexible first-class emission control system provider can be the key asset when engine manufacturers and users are securing their competitiveness. Proventia is such an internationally operating emission control specialist offering you leading emission control technology, tailored to your specific needs.

EXPERIENCE GUARANTEES EFFICIENT AND EASY-TO-USE SYSTEMS

Proventia's stationary and marine R&D professionals have more than a decade's worth of experience in SCR system design

and tailoring to meet various needs, making us a trustworthy partner for your projects. We know exactly what it takes to make a firm and user-friendly emissions control system. It's no wonder that Proventia's emissions control technology has scored worldwide success among its major league industrial customers.

WE THINK BIG!

The bigger the application, the bigger the volume of harmful emissions. Proventia NOxBUSTER™ has all it takes to keep even the biggest applications up and running more environmentally friendly. Proventia NOxBUSTER™ is designed to keep emissions

at the required level or even eliminate them nearly totally. With Swiss-Finnish accuracy and quality, Proventia creates perfect purification systems for not only NOx but also for CO, HC, and PM reductions.

PROVENTIA NOxBUSTER™ PROVIDES:

Emission reductions

- NOx reduction over 90%
- Optional oxidation catalyst: CO and HC reduction over 80%
- Optional Particle Filter: PM reduction over 95%

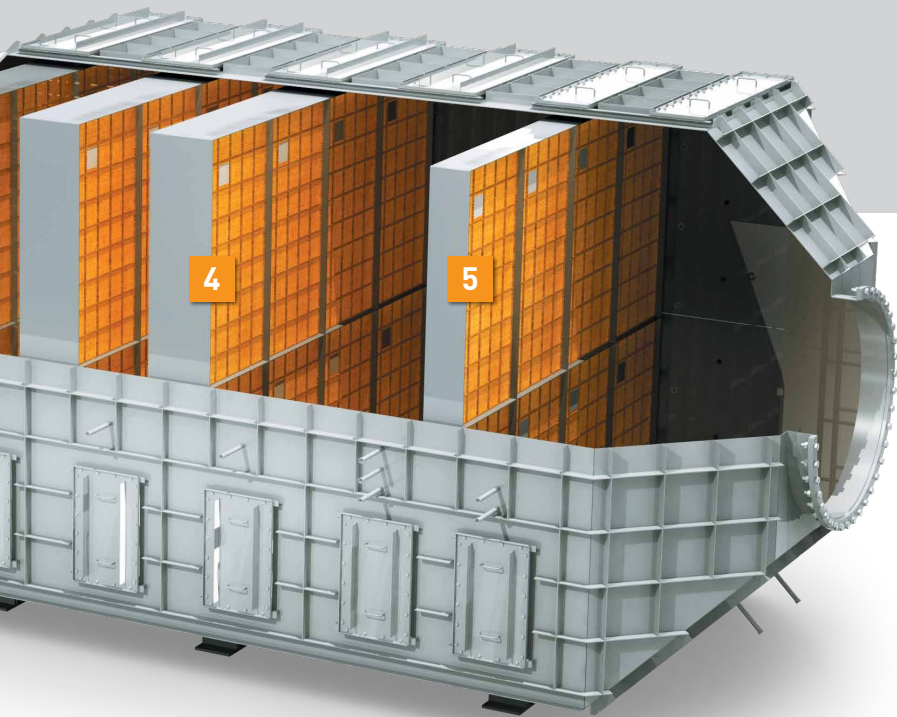
Sophisticated control system and high automation level

- Fully automatic soot blowing
- Clear and user-friendly self-diagnostics



FULL SPEED AHEAD!

The International Maritime Organization's (IMO) Tier 3 directive means NOx reduction technology for ships in 2016. On ships and vessels the available space is always a challenge when engineering and designing an emission control solution. Proventia tailors the NOxBUSTER™ to fit even the most limited spaces and to meet the regulations of tomorrow.



Tailored Solutions for OEM and Retrofit

Proventia NOxBUSTER™ is a fully tailorable exhaust purification system. Each customer will have a system designed and tailored according to their specific needs to fulfill local demands and directives. Proventia NOxBUSTER™ can be installed to both new applications as well as to those already in use. NOxBUSTER™ is suitable for applications using oil, natural gas, and solid and liquid biofuels.

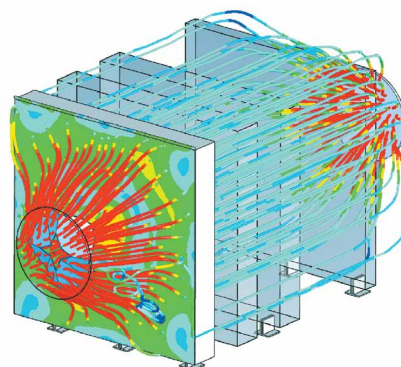
SHIPS, LOCOMOTIVES, BOILERS, GAS TURBINES – YOU NAME IT, WE’VE GOT IT!

Proventia’s NOxBUSTER™ system works fine with stationary, marine and railway engines – including generating sets, locomotives and ships – as well as with utility and industrial boilers and gas turbines.

COMPREHENSIVE SERVICE THROUGH PRODUCT LIFECYCLE

Proventia’s all inclusive service guarantees the most efficient method for taking care of emissions. Measuring, designing, training and supplying all the necessary high-quality components and devices as well as commissioning and maintenance all feature as part of Proventia’s service.

The simulation test gives essential information for tailoring and optimizing Proventia NOxBUSTER™ to get the best performance and durability possible.



PURE POWER NATURALLY

Since the beginning of the 90s, our stationary unit has designed and supplied SCR systems for a variety of stationary applications, e.g. power plants, power ships, boilers and gas turbines. Applications running with dual fuel systems, heavy diesel fuels, biofuels or gas can all be cleaned efficiently using Proventia NOxBUSTER™.

BRIGHTENING UP THE FUTURE.

Proventia is an international environmental technology group. Proventia works for clean air by developing solutions to reduce emissions from machines, vehicles, power plants and ships, both in OEM and retrofitting markets. Proventia distinguishes itself in the emission control market with an exceptional combination of stationary engine emission expertise and mobile engine emission know-how. Our success is based on innovative, tailored solutions and comprehensive service. The versatile technology expertise makes Proventia a top class partner; our growing clientele includes a number of leading companies in their field.



Proventia – Brightening Up the Future

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