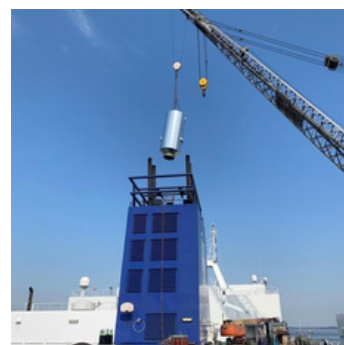
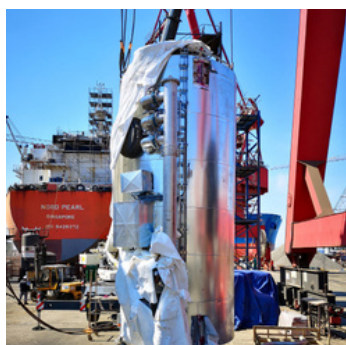


SOx SCRUBBER



It is our goal to develop technologies that **significantly reduce SOx and greenhouse gases emissions of the maritime industry.**



**SUPPORTING AND ENABLING THE TRANSITION OF
THE MARITIME SECTOR TO SUSTAINABLE SOLUTIONS**

ClearSmart Emission Guard
BY **MEPRODUCTION**

SOx SCRUBBER SYSTEMS

WHY CHOOSE MEP SOx SCRUBBERS

Compliant operation, always

All system HMI's are delivered with remote support capability: Enabling crew assistance, support, and training. Allows remote adjustment of parameters, operational guidance and recommendations.

Data-driven fleet optimization

All systems are prepared for automatic data acquisition, shore transfer, analytics, and reporting. Operational benchmarking of fleet – identifying and supporting best practice.

Market leading energy consumption

MEP philosophy is simple: avoiding fuel consumption triumphs mitigating emissions – never waste energy! Lowest attainable power consumption by variable frequency converters and extremely low wash water pressure of scrubber tower.

Designed to your needs

High quality alloys used exclusively – ISO 9001 certified manufacturing sites in Denmark and China. Customized design to overcome design challenges.

Plug & Play solutions – scrubber tower already installed with valves, instrumentation, manifold, electrical wiring – tested and approved from factory.

Robust monitoring systems

No contact emission monitoring system – low maintenance and OPEX. Calibration only once yearly. Proven, reliable, global leading manufacturers of monitoring systems.

Service anytime, anywhere

Global service network. Spare parts and superintendents available whenever, wherever.



MEP SCRUBBER DESIGN

Inline scrubber

The trademark design of MEP - uniquely designed for drymode operation in combination with packed bed.

Inline scrubber is a perfect fit where space is limited, and the project requires custom solutions. Our Inline scrubber is shipped fully assembled with insulation, and all components.

Suitable modes:

- Open Loop
- Closed Loop
- Hybrid

Key features:

- Bypass optional
 - Smaller footprint
 - Material:
 - Scrubber: SMO254
- Fully assembled and insulated scrubber tower

Bypass scrubber

Ideal design choice for newbuildings or retrofits with space in funnel to make exhaust system with bypass line.

Simple design with fewer components - drymode not applicable.

Shares proven concept of inline design - packed bed ensures compliance and minimal wear.

Suitable modes:

- Open Loop
- Closed Loop
- Hybrid

Key features:

- Bypass mandatory
 - Material:
 - Exhaust inlet: SMO254
 - Scrubber body: Super Duplex/Duplex
- Fully assembled scrubber tower



Installation of open loop system with custom tower design onboard Neptune Lines PCTC.

REFERENCES

SELECTED PROJECTS

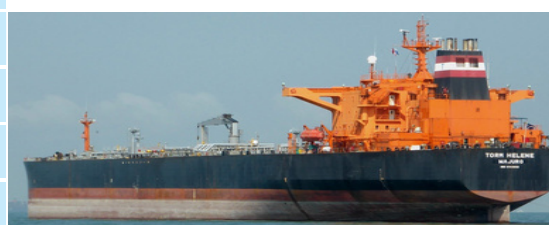
Vessel Type	Ro-Pax/Passenger vessel
Owner	DFDS
Vessel Name	Aura Seaways
IMO	9851036
Operating area	Baltic Sea
Scrubber Inline System	Hybrid
Number of Scrubber(s)	7
New Building/Retrofit	Retrofit



Vessel Type	Owner	Ro -Pax
Vessel Name	IMO	Attica Group
Operating area		Blue Star Patmos
Scrubber Inline System		9565041
Number of Scrubber(s)		Mediterranean
New Building/Retrofit		Open Loop
		7
		Retrofit



Vessel Type	Owner	Tanker
Vessel Name	IMO	TORM
Operating area		Torm Helene
Scrubber Inline System		9904871
Number of Scrubber(s)		Worldwide
New Building/Retrofit		Open Loop (Hybrid ready)
		1
		New Building



For further details and additional information,
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