



Visit us in  
**Hall A3, Stand 110**

**3-6 sept 2024**  
leading international  
maritime trade fair  
[smm-hamburg.com](http://smm-hamburg.com)

Visit us at SMM in Hamburg, Germany from the 3<sup>rd</sup> – 6<sup>th</sup> September 2024

## Sustainable compressed air solutions for marine applications

Dear Sir or Madam,

The maritime industry is taking a decisive turn towards climate protection. This makes it especially important that compressed air, as an important source of shipboard energy, is generated as efficiently and sustainably as possible. Not only is KAESER's wide-ranging product portfolio perfectly suited to the particular challenges of marine applications and environments, it is also certified by all of the notable classification societies around the world.

On our stand at SMM (**Hall A3, Stand 110**), we will be showcasing how you can shape the maritime industry's future with the aid of innovative products from KAESER. Our compressors and blowers can make a significant contribution when it comes to improving a ship's EEXI and CII values, whilst at the same time enabling lowest possible life-cycle costs. We will also be demonstrating that high performance does not mean a large installation space is needed: our ASD and CSD series rotary screw compressors are designed to be especially compact, making them ideal when it comes to retrofitting vessel fleets for more eco-friendly operation.

Full power ahead: let us introduce you to the benefits of our worldwide Marine Service Hub network, which provides a rapid supply of genuine spare parts and qualified technical support, even in the most challenging of port locations.

Come and visit our stand to experience KAESER's impressive expertise and **Made in Germany** quality at first hand.

Yours sincerely,  
KAESER KOMPRESSOREN

*Dipl.-Wirtsch.-Ing. Thomas Kaeser*



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**KAESER**  
KOMPRESSOREN®

# Sustainable compressed air solutions for marine applications



**SMM**

3-6 sept 2024  
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KAESER KOMPRESSOREN – Your compressed air systems partner  
Visit us in Hamburg from the 3<sup>rd</sup> – 6<sup>th</sup> September 2024 in **Hall A3, Stand 110**







More compressed air, more nitrogen, more savings

## Nitrogen generation – Efficient and dependable

Rotary screw compressors from the CSD series

KAESER pushes the boundaries of efficiency and availability once again with its marine version of the CSD series rotary screw compressor. Air-, water- or seawater-cooled, these versatile machines can be perfectly adapted to any application. The open version features a particularly narrow design and is therefore ideal for use on board ships. What's more, these energy-efficient systems impress with their unrivalled levels of discharge pressure and air quality, which make them perfect for nitrogen generation.

**KAESER**  
KOMPRESSOREN®



**CSD series**  
Flow rate 1.1 to 14.7 m<sup>3</sup>/min, Pressure up to 15 bar





Energy-saving masters on the high seas

## Efficient compressed air for air lubrication

EBS to GBS series

To reduce the ship's fuel requirement, so-called "micro-bubble" technology is used to blow small air bubbles under the hull. In conjunction with a flat hull, these air bubbles form a uniform layer beneath the ship from front to back and to the sides, which significantly reduces the ship resistance. As a result, the vessel can achieve considerable fuel and emissions savings whilst operating at the same speed. Efficient and dependable blowers from KAESER are ideal for this application: as operation-ready, "plug-and-play" complete solutions, these low-maintenance systems offer exceptional efficiency at the touch of a button.

**KAESER**  
KOMPRESSOREN®



**EBS to GBS series**  
Flow rate 10 to 105 m³/h, Pressure differential up to 1100 mbar,  
Vacuum up to 550 mbar





Compressed air power with minimal space requirement

## Starting air for diesel- and gas-powered engines

The combination of power, safety and durability makes our starting-air compressors the ideal choice to provide starting air for marine engines. The 2- or 3-stage compressors require very little effort when it comes to maintenance and inspection in order to assure reliable and trouble-free operation. A modular design, coupled with minimal space requirement, maximum dependability and exceptional quality, further help to meet the stringent demands of industrial shipping and marine applications. The revised internal controller makes control and monitoring of the compressors even more efficient.

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*Flow rate 5 to 274 m<sup>3</sup>/h, Max. pressure 40 bar*





#### The advantages are clear:

Factory approval, better delivery control and manufacturing flexibility. KAESER is available for type tests for all notable classification societies. The acceptance and certification procedures are fully taken care of in Coburg. Type-testing makes certification quick and simple.

Compact, efficient and powerful

## Dependable assistant for every voyage

SX and AIRCENTER series

AIRCENTER and T-systems are compact, all-in-one compressed air solutions comprising a KAESER rotary screw compressor with the SIGMA PROFILE, an energy-saving refrigeration dryer and an integrated air receiver. Offering a choice of 30 selectable languages, the innovative SIGMA CONTROL 2 compressor controller ensures energy-efficient operation and optimised communication capability with onboard operating personnel. Needless to say, both the compressors and the SIGMA CONTROL 2 are certified for marine use.

**KAESER**  
KOMPRESSOREN®



*SX and AIRCENTER series  
Flow rate 0.26 to 1.32 m³/min, Pressure up to 15 bar*

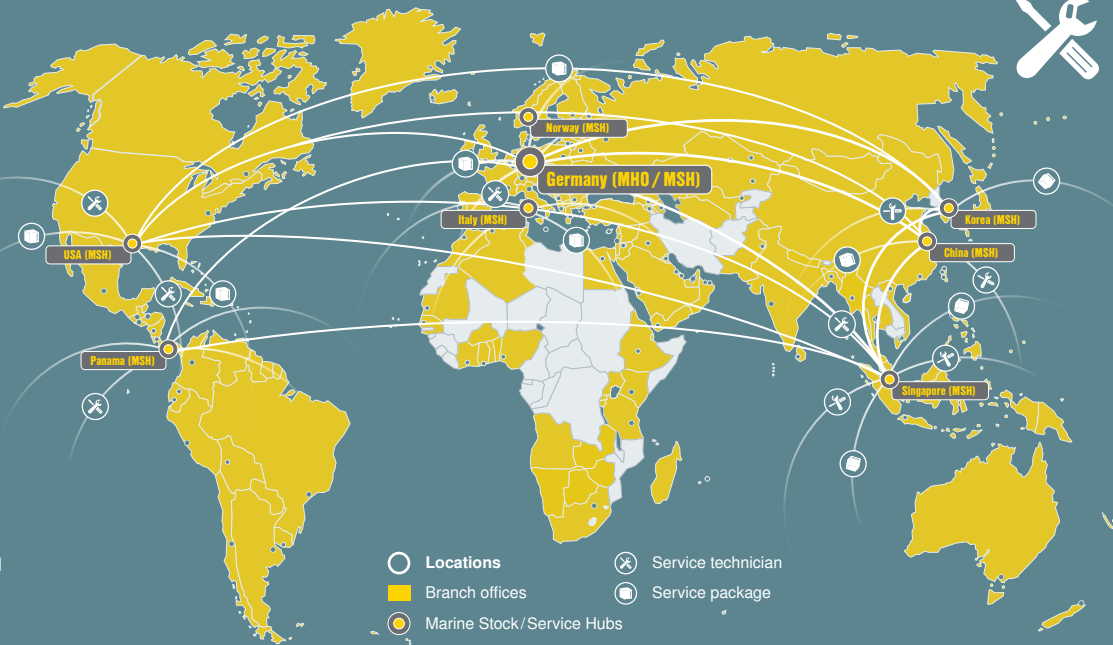
## KAESER Marine Service: Anytime, anywhere!

KAESER Service is only a moment away – no matter where you are. Globally networked and centrally coordinated by the Marine Head Office (MHO) in Coburg, Germany, qualified KAESER Service specialists can be available at the next port of call, or following a telephone call as soon as the ship has docked.

8 specialised Marine Service Hubs (MSH) located around the world are available to provide assistance whenever it is needed. KAESER Service engineers, technicians and spare parts are there to ensure safe and reliable operation anytime and anywhere in the world.

Computer-aided parts logistics, constant availability of genuine KAESER spare parts and a global network of KAESER subsidiaries assure optimal parts supply.

Complete service kits are available for regular onboard maintenance.



## Delivery process



**KAESER**  
KOMPRESSOREN®

## KAESER global service – Always there for you

For efficient and dependable compressed air supply



### Global service network

- Globally networked and centrally coordinated from Coburg, Germany
- Highly qualified KAESER specialists will be available at the next port of call



### Computer-aided parts logistics

- The automated small parts warehouse in the KAESER Distribution Centre ensures rapid availability of the required maintenance and spare parts in all parts of the world



### Complete peace of mind thanks to genuine KAESER parts

- KAESER service personnel use only genuine maintenance and spare parts of proven quality to ensure maximum system reliability and long service life



### Complete service kits

- Simplify maintenance of your rotary screw compressors



### 24/7 service



### Specially produced training videos

- Enable crew members to perform maintenance tasks independently whilst at sea

