

Atlas Copco

LNG fuel systems

Gas supply solutions for
Marine applications

HANDLE THE PRESSURE



Atlas Copco Gas and Process LNG fuel supply systems

World-class technology • Superior performance

As the world of transportation looks to LNG to deliver a low cost and environmentally responsible source of fuel, they are looking to Atlas Copco Gas and Process to engineer new solutions for fuel delivery. With decades of experience providing fuel systems on LNG carriers, combined with the broadest portfolio of compressor technologies, Atlas Copco Gas and Process is now offering fuel supply systems for today's gas-driven engines and generators.

Complete system needs

Atlas Copco Gas and Process can provide solutions to all of your gas handling needs, from retrofitting an existing vessel to commissioning a new build. We offer a wide range of equipment, including: LNG fuel compressors, vapor return blowers, air systems, inert gas systems, simplified controls, along with the needed heat exchangers, valves and other ancillary equipment.

Tailored solutions

Whether it is a LNG Carrier or a LNG fuel system, the volumes of Boil Off Gas (BOG) have decreased. Our gas screw compressors are designed to work efficiently with these systems.

Our oil-free GZ compressor series is designed to supply engines with inlet pressures ranging from 6 bar up to 17 bar. Operating in parallel with forcing vaporizers, the compressors pose no risk of surging. Excess gas can be sent directly to the reliquifaction system without any risk of oil contamination.

Proven technology

Atlas Copco Gas and Process has built a wealth of expert knowledge in the LNG compressor market for marine applications over the course of four decades. Along with our 80-plus years of experience with cryogenic service, our equipment stands the test of time.

Service support

General maintenance, emergency repairs, complete overhauls - our goal is to meet our customers' expectations wherever they are, no matter the job.



Atlas Copco gas screw compressor:
getting ready for delivery at sea

Our gas screw compressors - flexible reliability for your vessel

Our gas screw compressors are the ideal solution for:

- Oil-free and oil injected designs
- Powering small vessel LNG fuel supply systems
- Controlling tank pressure
- Delivering gas to generators, engines or reliquifaction systems.

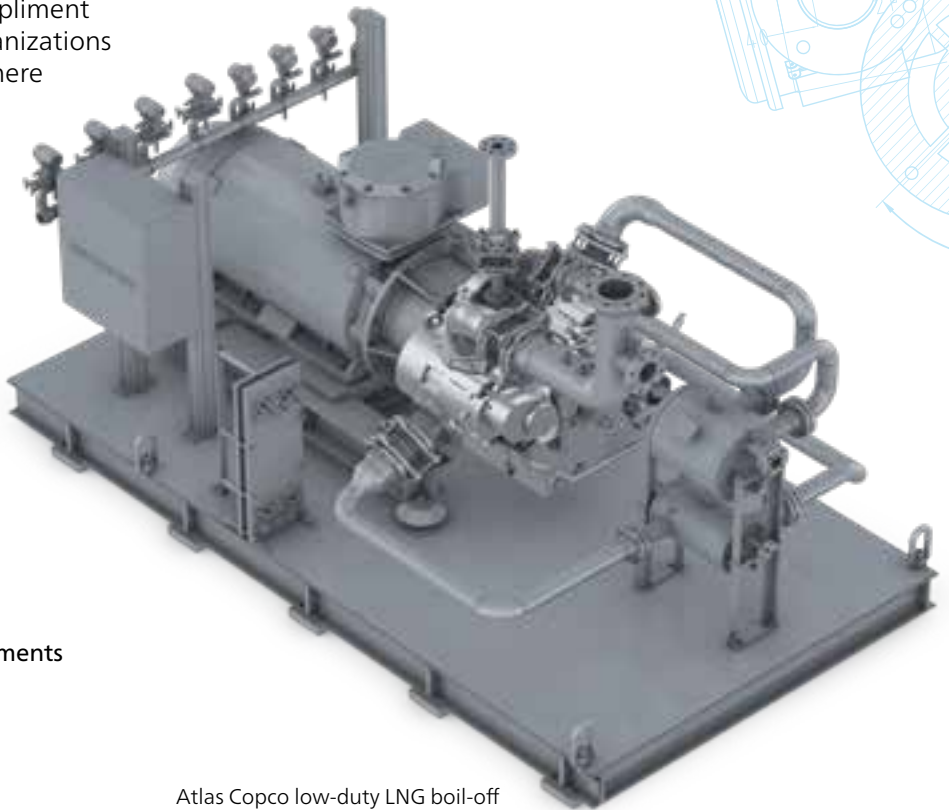
Boosting your onboard productivity

Our broad range of available compressor technologies allows Atlas Copco Gas and Process the flexibility to provide the solutions that fit your needs. From standardized modular designs, to fully customized packages, we can design and supply the system that best meets your specific requirements.

By designing both the air and inert gas systems in tandem, we can ensure the systems compliment each other in operation. Our service organizations are located around the globe. We are where you are and we are working to keep you moving.

LNG BOG compressors - The Atlas Copco difference:

- Low noise
- Low vibration
- High reliability
- No oil contamination
- Easy operation
- Small footprint
- Specifically designed for marine environments



Atlas Copco low-duty LNG boil-off gas Oil-free Screw compressor as BOG Compressor (LD).

BOG oil-free screw compressor - zero contamination fuel supply

Our boil-off gas compressors are responsible for:

- Controlling tank pressure
- Supplying gas to today's dual fuel engines and gas turbines without any worry of oil carryover
- 100% oil-free compressed gas for reliquification

Our offshore LNG machinery is built to order with completely customized designs based upon the project specifications. It features state of the art screw technology for improved efficiency with carbon ring seals for trouble free operation during extended service periods.