



*Atlas Copco*



# Control, instrument and working air systems

Oil-injected and oil-free compressors  
for marine applications



## Versatile solutions for control, instrument and working air

For your everyday marine air needs, Atlas Copco delivers high quality, efficiency and low cost of ownership. We offer a broad range of oil-injected and oil-free compressors for all your control, instrument and working air applications. You can count on our fully packaged units all day, every day.



### Big energy savings

Because energy can represent over 70% of a compressor's lifecycle costs, we offer Atlas Copco's revolutionary variable speed drive technology on many of our units. Atlas Copco developed this innovative technology to sharply reduce your energy costs, up to 50% on average. Atlas Copco makes variable speed drive machines specifically for the marine industry, including approved drives.



### Complete solutions

Atlas Copco can meet all your on-board compressed air needs with complete, integrated systems that include compressors, dryers, filters and receivers. Atlas Copco is the only company that can source all these technologies in-house and deliver them as turnkey packages. This means you can work with just one supplier for the commissioning and maintenance of your air system.

## A trusted marine partner



### Versatility

Hardly any two ships are the same, so why should their equipment be? Atlas Copco can offer a custom solution that matches your exact needs. We will find the right air system with the lowest overall cost of ownership.

### Confidence

Alone on the high seas, your crews need to be able to trust their equipment. Atlas Copco's state-of-the-art marine products are built and certified to weather the roughest conditions.

### Proximity

We are wherever your ships are going. Atlas Copco is present in more than 160 countries. With an extensive dealer network and a variety of service offers, we make sure you keep running full steam ahead.



## Oil-free compressors for sensitive applications

Atlas Copco oil-free compressors are the right choice for sensitive applications or whenever oil contamination could cause breakdowns. When you need to achieve Class 0 air purity according to ISO 8573, these compressors are your only solution.



Atlas Copco oil-free tooth compressors offer efficiency and performance at a reduced energy cost.

- Advanced Elektronikon® control and monitoring system.
- Lower energy consumption thanks to a two-stage compression system.
- A long life span with stainless steel symmetrical rotors that ensure perfect dynamic balancing and minimum bearing load.
- Straight rotor design and opposing axial in- and outlet port avoid axial load on element components, increasing element lifetime.
- Cast teeth allow for efficient heat dissipation, eliminating the need for a complex cooling water system and ensuring greater reliability.

## Oil-injected compressors for regular applications

With seven sizes covering a range from approximately 50 to 2,800 m<sup>3</sup>/h, Atlas Copco oil-injected screw compressors can handle even your toughest marine jobs.

### Marine Air Systems (MAS)

Our MAS compressors are specifically designed for harsh marine environments. With a MAS, you enjoy a smart, innovative and fully equipped solution.

- Compact design.
- Optimized efficiency.
- Flexible installation and operation.
- Enduring performance.
- Ease of operation.
- High IP-protection.

Atlas Copco MAS compressors are available in air-cooled or water-cooled versions.

- Standard tropical thermostat or fan saver cycle avoids condensation.
- Designed for up to 55°C/131°F ambient temperature.
- State-of-the-art element and sophisticated control and monitoring.
- Extremely high efficiency.



## Sustainability

The number one priority of the marine industry is sustainability. Atlas Copco will help you turn goals and ambitions into realizations. Increasing efficiency, lowering emissions, and reducing your overall environmental footprint drive our unrelenting investment in innovation. It's what allows us and our customers to continue to set new standards in compressed air performance.

## Exceeding the toughest standards

Atlas Copco has been granted triple ISO 9001:2000, ISO 14001:2014 and OHSAS 18001 certification for Quality, Environmental and Occupational Health & Safety Management by Lloyd's Register Quality Assurance (LRQA). This demonstrates our commitment to the quality of our services, our care for the environmental impact of our operations and the health of our employees and customers.

Atlas Copco has a close working relationship with all major classification societies. We are always working to develop our products for the benefit of ship owners and vessel crews by ensuring our products perform optimally in the most demanding maritime conditions and temperatures.



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