OXYMAT®

MARINE NITROGEN - OPTIMISED FOR DUAL FUEL

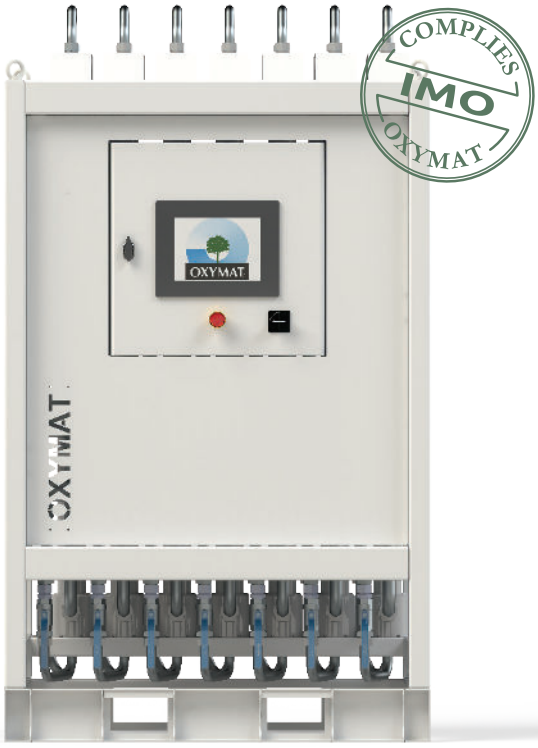
MEMBARNE NITROGEN SOLUTIONS

COMPACT DESIGN
OXYMAT N2 membrane generators feature a compact design with a small footprint of only 2.04 m^3, making them an ideal solution for applications requiring capacities suitable for dual fuel systems.

FLEXIBLE OPERATION
If a constant out-let flow is not required, it is not necessary to keep the generators powered up all the time. With practically no waiting time N_2 is produced on the fly and energy consumption is kept at a minimum.

IDEAL FOR RETROFIT
Our membrane solutions have a lightweight modular design enabling easy transport to any port. The compact and modular design ensures flexibility with respect to existing engine room lay-out.

QUALITY AND RELIABLE PERFORMANCE
We have an extensive track record supplying equipment to the maritime industry, and our N_2 membrane generators can be supplied with all major marine class approvals, ensuring compliance to recognized standards when using N_2 for safety measures.



LEAFLET MEMBRANE | 25AUG2022.REV01 | INDICATIVE DATA

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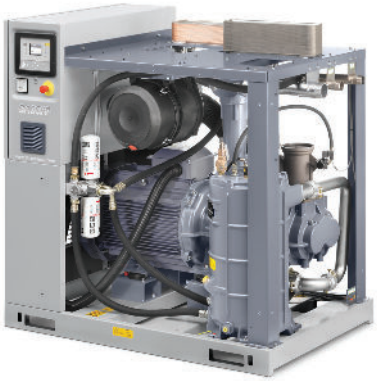
A COMPLETE N_2 SOLUTION

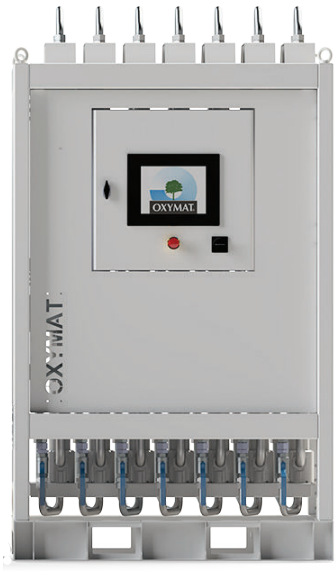
WE CAN SUPPLY A FULL SCOPE NITROGEN PLANT

OXYMAT®

COMPRESSOR



MEMBRANE SKID



OUR SCOPE CAN INCLUDE THE ENTIRE NITROGEN PLANT SOLUTION OR PARTS HEREOF – CONTACT US, AND WE WILL GUIDE YOU IN CHOOSING THE BEST SOLUTION FOR YOUR APPLICATION

- N2 membrane generator
- Compressor
- Compressed air dryer
- Filters
- Fittings and pipe connections
- Piping
- Cables
- Buffer tanks
- Instrumentation and measuring sensors
- Remote control and monitoring panels outside engine room
- Double block and double bleed (DBB) extended control and monitoring
- Pressure safety valves (PSV)
- Alarm monitoring and data logging
- PLC controls and touch screen
- Interface to external control systems (MODBUS RTU or TCP)
- Training, supervision, services and spare parts

KEY FEATURES

- **Complete N_2 supply solution**
- **50-100-150 m3/h at 6-300 bar.**
- **Compact modular design – flexible installation**
- **Ideal for retrofit**
- **Minimum maintenance**
- **Quick warm up**
- **All major marine approvals**

OXYMAT N_2 membrane generators are a cost-efficient solution for supplying N_2 to safety systems in many marine gas systems in gas and chemical tankers and all vessels with dual fuel propulsion.

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