

API618 Reciprocating Compressors for Offshore applications

Compact ergonomics for confined spaces

Extensive experience with naval certifications (RINA)

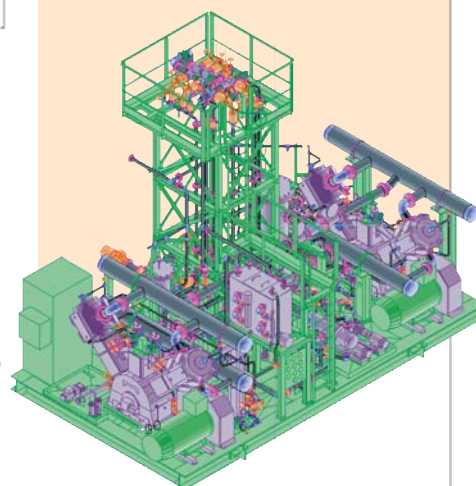
Reliability thanks to an in-depth knowledge of installation conditions

Package designed to minimize maintenance times

Greater return on investment

Industries

- FPSO
- FSRU
- LNG Carrier
- Dual-Fuel LNG Carrier
- LPG Stations
- Other Offshore Applications



SIAD Macchine Impianti compressors for *Offshore applications* are:

- *skid-mounted* to facilitate installation and start-up operations, even on ship decks;
- *designed specifically* for installation and maintenance in confined spaces;
- *offer high flexibility* with regard to control of gas flow rates and variability of inlet gas temperature.

Technical features

- Flexibility in adapting to the different operating conditions (suction pressure and capacity).

- Specific know-how in selecting critical components that guarantee machine reliability and reduce residual vibrations and maintenance work to a minimum.
- Painting system for highly corrosive environments.
- Completely oil-free compressors to guarantee the absence of oil entrainment in the process gas.
- Customized design aimed at guaranteeing the compactness of the package while retaining ergonomic features and space for adequate maintenance.
- Specific design for offshore applications:
 - pulsation and vibration analysis;

- analysis of heat loads and wind;
- oil circuit designed according to pitch and roll movements.
- Static calculations for installation.

API618 reciprocating compressors for Offshore applications

Outlet pressure	up to 100 bar oil-free up to 350 bar lubricated
Capacity	up to 60,000 m ³ /h
Number of stages	up to 5
Suction temperature	from -160 °C
Power	up to 2.400 kW

Technical Standard

- The experience of SIAD Macchine Impianti engineers, at the service of our customers, has led to the development of a certified standard that can be adapted to the many needs of small, medium and large industries.



International construction and safety standards

- API Standard 618 Fifth Edition
- NACE
- Naval certifications



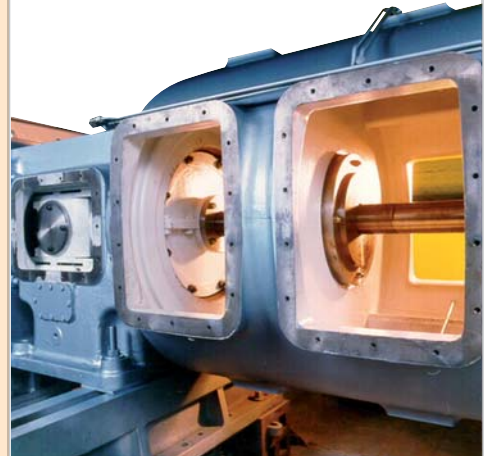
Find out more about our range of services at www.siadmi.com

Complete range of services

To reduce operating costs and to maintain the high efficiency of its compressors, SIAD Macchine Impianti offers its customers a complete range of services, together with a network of Certified Service Centres in five continents, operated by skilled technicians.

Activities

- Original spare parts
- Field service
- Technical support
- Component repair
- Engineering services
- Revamping
- Monitoring-diagnostic
- Training



For information:
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