

API 618 Reciprocating Compressors for Offshore applications

Compact ergonomics for confined spaces

Extensive experience with naval certifications

Package designed to minimize maintenance times

Greater return on investment

SIAD Macchine Impianti offers a wide range of API 618 reciprocating compressors specifically designed for offshore applications, thanks to their extensive experience in this sector.

The company's detailed knowledge of the installation conditions and their specific know-how for the selection of critical components, guarantee the excellent reliability of these compressors characterized by compact ergonomics specifically designed for installation and maintenance in confined spaces.



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.

Industries

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

- Offer high flexibility with regard to control of gas flow rates and variability of inlet gas temperature.
- Painting systems for highly corrosive environments.
- Completely oil-free compressors to guarantee the absence of oil ingress in the process gas.
- Specific designs for offshore applications:
 - pulsation and vibration analysis;

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

Global Service Division: a complete range of services

To reduce operating costs and to maintain our compressors in conditions of maximum efficiency, SIAD Macchine Impianti offers clients a complete range of services, as well as a network of Certified Service Centers run by qualified technicians that extends across all five continents.



API 618 reciprocating compressors for Offshore applications

Inlet pressure	up to 100 bar, oil-free up to 600 bar, lubricated
Capacity	up to 90,000 m ³ /h
Number of stages	up to 5
Suction temperature	from -160 °C
Power	up to 8,700 kW
Crankshaft speed	from 300 to 1,500 rpm

International construction and safety standards

- API Standard 618 Fifth Edition
- NACE
- Naval certifications

Find out more about our services at siadmi.com

For information: siadmi_compr@siad.eu



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SIAD Macchine Impianti S.p.A.
Società unipersonale soggetta all'attività di direzione e coordinamento di SIAD S.p.A.
24126 Bergamo, Italy - Via Canovine, 2/4
Share Capital € 25.000.000 paid up
VAT and Fiscal Nr.: (IT) 00228420162
R.E.A. BG-72619 - Export: BG 006107

Telephone +39 035 327611
Fax +39 035 316131

siadmi.com - siadmi@siad.eu