

API618 Reciprocating Compressors for Hydrogen

Several decades of experience in all industries.

Hundreds of hydrogen compressors in operation throughout the world.

SIAD Macchine Impianti compressors for *hydrogen* are:

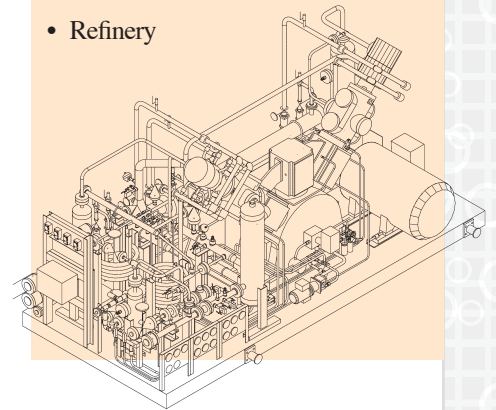
- *skid-mounted* to facilitate installation and start-up operations;
- *easy to maintain*. The design facilitates maintenance operations by the end user.

Technical characteristics

- Piston rods specifically treated and a double distance piece to prevent the steel from *becoming brittle due to the hydrogen*.
- Packing seals with gas recovery system to prevent hydrogen leakage.
- *Purging* of the distance piece and crankcase with inert gas.
- *Use of specific materials for hydrogen* in flanges, gaskets and seals.
- *Valves specifically* designed for use with hydrogen.

Industries

- Chemical
- Energy
- Food
- Glass
- Industrial Gas
- Petrochemical
- Refinery



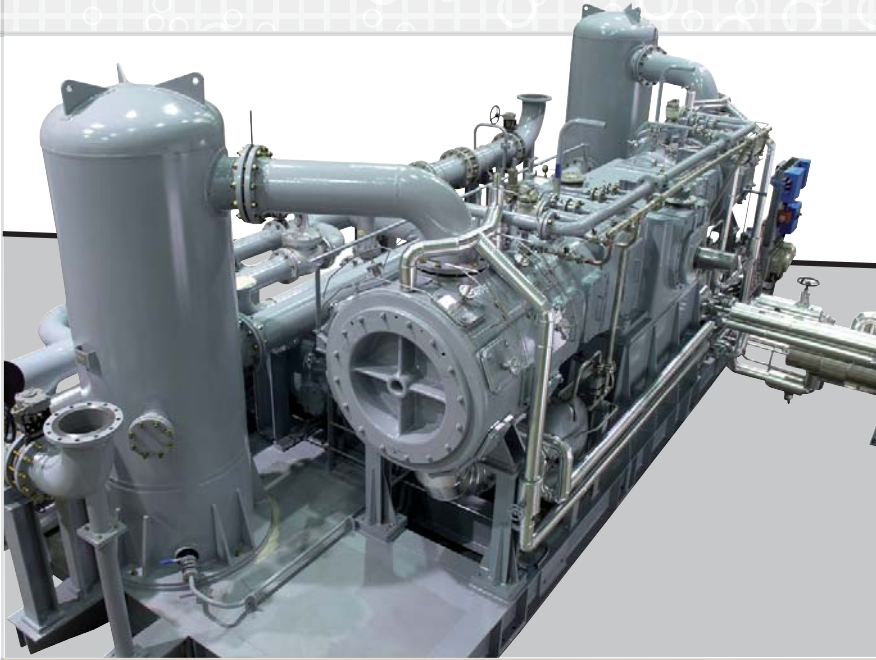
API618 Reciprocating Compressors for hydrogen

Outlet pressure	up to 350 bar oil-free or lubricated
Capacity	up to 60 000 m ³ /h

Technical Standard

- The experience of SIAD Macchine Impianti engineers, in terms of the service we offer our customers, has resulted in a certified standard which can be adapted to the many requirements of small, medium-size and large industries.





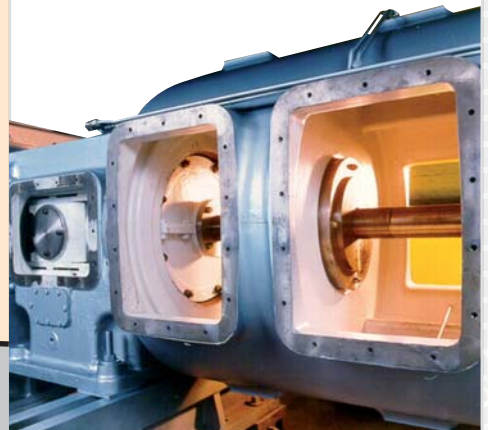
International manufacturing and safety standards

- ATEX Directive 94/9/EC
- Standard API618 Fifth Edition

Integrated Technical Services

- Technical Assistance Service on the phone number: +39 335 1421103
- Network of Authorised Assistance Centres throughout the world
- Authentic, ready-to-use spare parts from stock
- Global Service contracts
- Predictive maintenance
- Mechanalysis

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



For further information: mauro.acquati@siadmi.com



© 2011 SIAD Macchine Impianti S.p.A. Single-member company under the management and coordination of SIAD S.p.A. All rights reserved.

The information contained herein is offered for use by technically qualified personnel at their discretion and risk without warranty of any kind.

We regularly update our data, for updated data please visit our web site www.siadmi.com

Printed in Italy
174uk09/11

SIAD Macchine Impianti S.p.A. Single-member company under the management and coordination of SIAD S.p.A.

Via Canovine, 2/4
24126 Bergamo
ITALY

info@siadmi.com
www.siadmi.com

Tel.
+39 035 327611

Fax
+39 035 316131

www.siadmi.com

Share Capital euro 25.000.000 paid up - V.A.T. and Fiscal Number: IT 00228420162
R.E.A. BG-72619 - Export: BG 006107