

Oil-free Reciprocating Compressors for Instrument and Service Air

Higher energy efficiency compared to screw compressors.

Lower maintenance costs compared to screw compressors.

SIAD Machine Impianti compressors for *Instrument and Service Air* have the following characteristics:

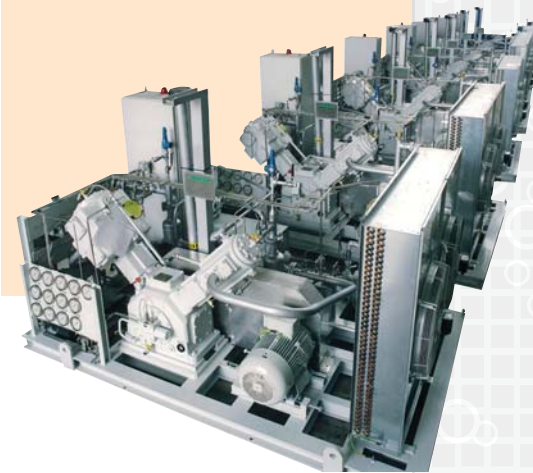
- *skid-mounted* to facilitate installation and start-up operations;
- *easy to maintain*. The design facilitates maintenance operations by the end user.
- *typical two-stage design to better answer the needs of the Instrument and Service Air service*.

Technical Standard

- *Greater flexibility* compared to screw compressors in terms of temperature variation of inlet air.
- *Minimum footprint area*, thanks to the positioning of the cylinders with vertical or V-type arrangement.
- *Low crankshaft rotation speed* and therefore a guarantee of greater reliability.
- Air dew point from -40°C to -100°C .
- Possibility of *belt-driven compressor* with subsequent simpler layout and reduction in costs of the package.

Industries

- All industries



- *Lower noise levels* than screw compressor.

Compressor model	Capacity Nm ³ /h	Outlet pressure bar (a)	Installed shaft power kW
IS1 - 2	10	10	2
TS2 - 2	50	10	7
TS2 - 2	100	10	13
TS2 - 2	150	10	19
TS2 - 2	200	10	25
TS2 - 2	250	10	31
WS2 - 2	300	10	39
WS2 - 2	400	10	49
WS2 - 2	500	10	62
MS2 - 2	750	10	95
MS2 - 2	1 000	10	125
HP2 - 2	1 500	10	198
HP2 - 2	2 000	10	239
HD2 - 2	2 500	10	396
HD2 - 2	3 000	10	433
HP4 - 2	4 000	10	500
HD4 - 2	5 700	10	792

Inlet conditions: pressure 1 bar (a) and ambient temperature.
Other models on request.



International manufacturing and safety standards

- API Standard 618 Fifth Edition
- API Standard 661 Sixth Edition

Options

- Heatless dryer, for capacities of up to 1 500 m³/h.
- Heat regenerated dryer, for capacities of up to 8 000 m³/h.
- Air heat exchanger in compliance with API Standard 661.

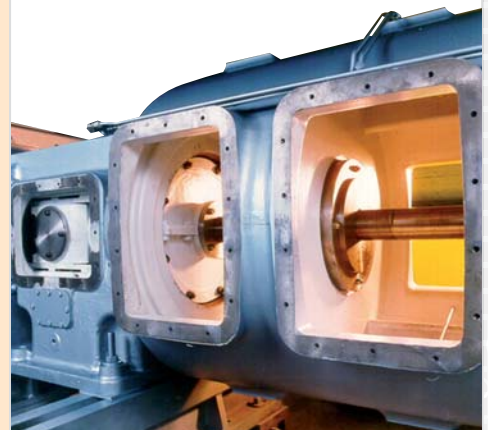
Find out more about our range of services at www.siadmi.com

Global Service Division: a complete range of services

To reduce operating costs and to maintain our compressors in conditions of maximum efficiency, SIAD Machine 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.

Activities

- Original parts
- Services in the field
- Technical support
- Refurbishment and upgrade
- Engineering services:
 - analysis
 - revamping
 - monitoring-diagnostics
- Training



For further information:
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