



Sauer Compressors



HAUG



HAUG Sauer – oil-free solutions

- Completely oil-free and dry-running
- Permanently hermetically gas-tight
- High reliability and quality
- Innovative and modular block system

CORE COMPETENCIES

Dependable up to 500 bar – anywhere, anytime, anygas.



■ OIL-FREE

More than 50 years of experience with completely oil-free piston compressors

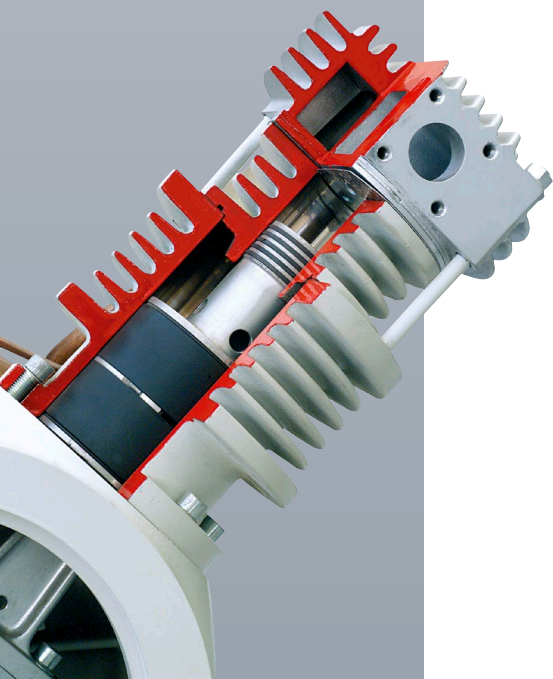
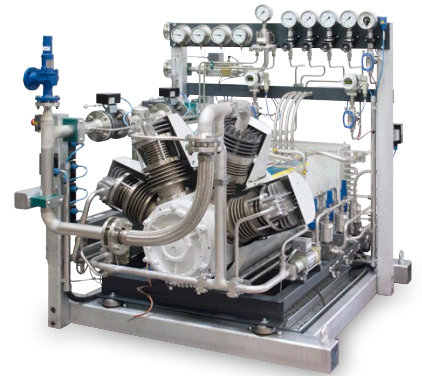
Where there are high demands on gas quality, oil-free compressors can reduce operating costs and significantly reduce risks, because gas treatment and filtration after the compressor is simple or, in some cases, not required at all. Oil-free compressors are therefore ideal for processes and applications which have high demands for the absence of oil and for gas purity.

High-tech manufacture

Through the application of precise manufacturing techniques and the use of special high-grade materials, we produce high-quality piston compressors with long lasting components. HAUG compressors are characterised by high operational reliability, in continuous operations as well as in intermittent operations with long downtimes and for cold starts.

Highlights of HAUG oil-free piston compressors

- absolutely no oil in the whole compressor
- compressors are completely dry-running
- oil-free compressors are suitable for processes and applications with high demands on gas purity and process quality
- oil-free compressors are also suitable for operations with long standstills, frequent operation interruptions and cold starts
- long service life of the components



Permanently hermetically gas-tight piston compressors

The hermetic gas-tightness is a result of the HAUG Sauer design and achieved by driving the compressors via a magnetic coupling, or with a built-in motor in the gas space.

This means that the compressors are permanently gas-tight. Worn seals and resultant gas leaks are a thing of the past. Mechanical seals, shaft seals and stuffing boxes are not required with the HAUG Sauer design. The level of gas-tightness of HAUG compressors is comparable to that of diaphragm compressors.

Permanently technically gas-tight compressors in operation and at standstill

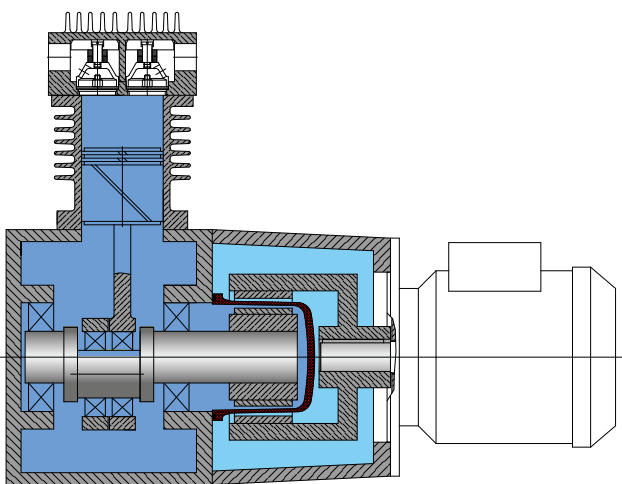
The risk of environmental contamination due to a gas leak is practically eliminated by gas-tight HAUG compressors.

Gas-tight even at high suction pressures

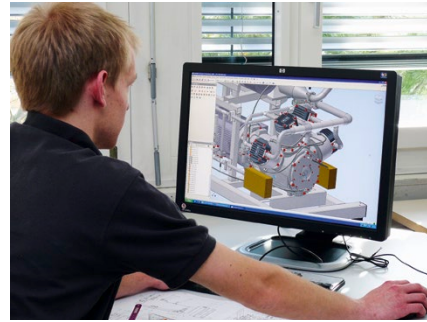
The compressors can be operated at maximum suction pressures of up to 10 to 20 bar (depending on the model and design).

Overload safety provided by the magnetic coupling

Another advantage of the design with magnetic coupling is the built-in «overload» protection. If the compressor is running with too high load or discharge pressure, then the magnetic coupling «slips» and the compressor is safely shut down and stopped.



HAUG piston compressors with gas-tight magnetic coupling



Innovative customer-specific solutions from a manufacturer with its own development

Due to our extensive experience, one of our strengths is customer-specific development and manufacturing of piston compressors. Hence HAUG compressors are also often used for applications in the chemical industry, process industry, research and development.

High quality and skills for the implementation of individual solutions

Through the skills of our employees and their many years of experience, we can implement individual customer solutions at the highest level.

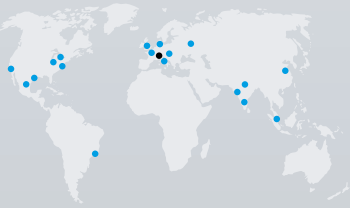
A modular compressor system for cost-optimised series production and individual solutions

By altering the number and size of the cylinders, HAUG compressors can be very project-specifically designed and optimised. This also allows the energy efficiency of the compressors to be optimised.



Sauer Compressors

The HAUG Sauer Kompressoren AG based in St. Gallen, Switzerland, is within the Sauer Compressors Group the competence center for oil-free and gas-tight piston compressors. These are developed and manufactured in St. Gallen for worldwide use.



Find your contact for sales and services below
www.sauercompressors.com

For further information about our products and applications please visit our website www.haug.ch

High quality and competence in project implementation and manufacturing

Thanks to the skills of our employees and their many years of experience, a high degree of in-house production as well as long-standing and reliable suppliers, we are able to guarantee a high standard of quality and short lead times.

The compressor block is manufactured at our own production plant in St. Gallen

We have modern and efficient machinery. Though our in-house manufacturing, we can also fulfil urgent orders quickly, cost effectively and with a high quality standard.

Assembly and construction by qualified welders

Assembly and system integration of the compressors is carried out in our assembly and metalworking shops. Our welders work according to certified welding procedures. For oxygen compressors, special cleaning procedures are applied.

Every compressor receives an individual final inspection

In the final inspection, the function, safety and operating data of each compressor is checked and documented.

Lean Management in production and logistics

The introduction of new management techniques ensures continuous and sustainable high quality, simplifies procedures and enhances customer benefits through improvements.



We reserve the right to make technical changes at any time without prior notice.