



Sauer Compressors



Haug



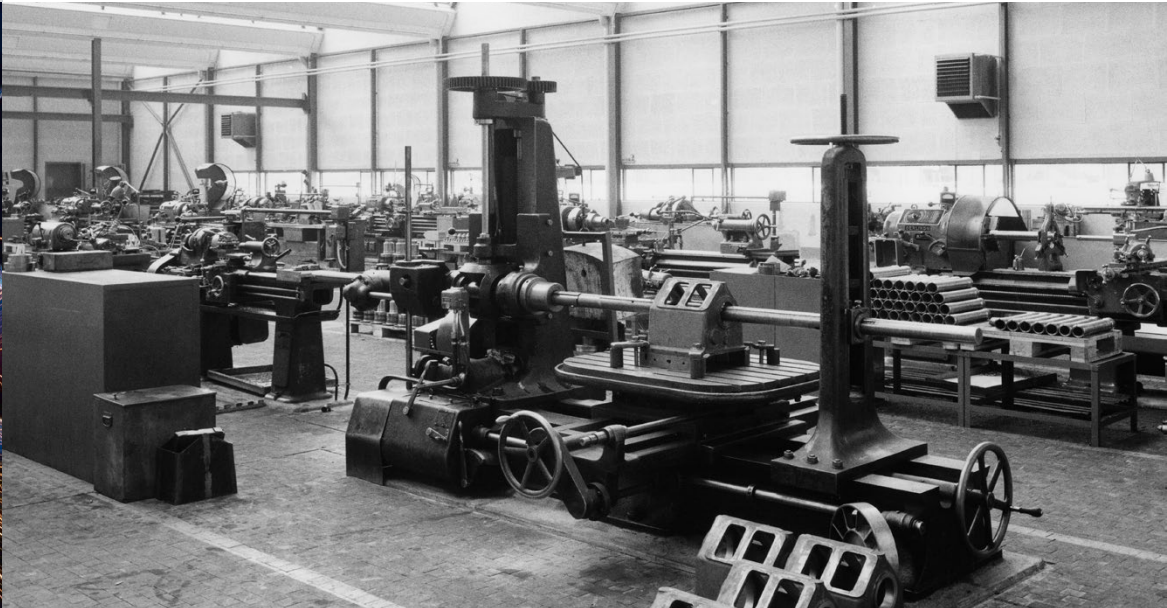
HAUG Sauer – oil-free solutions

- Quality «Made in Switzerland»
- Tradition since 1896
- Innovative and customer-tailored solutions



COMPANY PROFILE

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



HAUG Sauer Kompressoren AG, based in St. Gallen, Switzerland, is the center of excellence for oil-free and gas-tight reciprocating compressors within the Sauer Compressors Group. These compressors are developed and produced here for worldwide use.

Milestones of HAUG Sauer Kompressoren AG

- 1896** Establishment of the company – execution of repairs, and general machine and apparatus construction
- 1928** First piston compressors are manufactured in series
- 1968** World's first oil-free and dry-running piston compressors with sealed bearings
- 1972** First oil-free gas compressor
- 1989** World's first oil-free, technically leak-proof piston compressor type HAUG.Sirius with a non-contact magnetic coupling to 30 kW
- 2008** Name change from «Fritz Haug AG» to «HAUG Kompressoren AG»
- 2015** World's first oil-free, technically leak-proof piston compressors type HAUG.Titan with a non-contact magnetic coupling to 110 kW
- 2016** HAUG Kompressoren AG becomes part of the German Sauer Group from Kiel. Name change from «HAUG Kompressoren AG» to «HAUG Sauer Kompressoren AG».
- 2018** New development of an oil-free high pressure compressor with a final pressure up to 451 bar(abs) with NanoLoc® design



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

Customer benefits of HAUG oil-free piston compressors

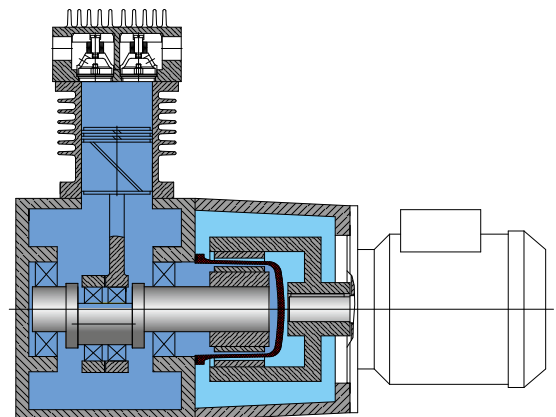
- Absolutely oil-free and dry-running
- Permanently gas-tight => a permanent leak rate of less than 0.001 mbar l/s
- Environmentally friendly due to oil-free and gas-tightness => zero emission
- Oil-free compressors are suitable for processes and applications with high demands on gas purity and process quality
- Oil-free compressors are also suitable for operations with long shutdown periods, frequent production interruptions and cold starts
- High suction pressure up to 31 bar(abs)
- Final pressure up to 451 bar(abs)
- Individual, custom-made solutions
- Modular system
- Driven by magnetic coupling or with an electric motor integrated in the crank case



ZERO LEAKAGE



OIL FREE



Magnetic coupling by HAUG piston compressors

■ APPLICATIONS AND PRODUCTS



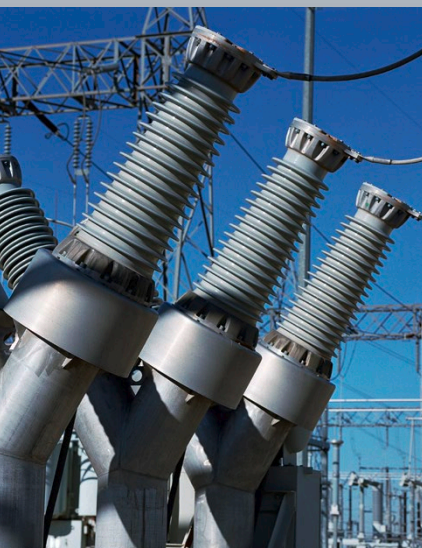
Gas compressors

- Recovery of leaked natural gas
- Biogas and biomethane compression
- Hydrogen and synthesis gas compression
- Nitrogen boosting
- Recovery of noble gases (helium, neon, argon, krypton and xenon)
- CO₂ recovery
- Special gases as CO, silane, tetrafluorsilane (SiF₄), ozone, refrigerant gases (e.g. R134a, R22, R116, C3F8, C4F10, freon, etc.), ammonia, hexane, propylene, flash gas, nitrous oxide, etc.



Air compressors

- Compressed air supply for medical and technical air in hospitals
- Compressed air compressor in power plants
- Air compressor for instrument air
- Oil-free air boosting
- Oil-free piston, scroll and screw compressors for industry and research
- Oil-lubricated piston and screw compressors for industry and research



OEM-compressors

- Recovery of SF₆-Gas and SF₆ replacement gas mixtures
- Recovery of Helium
- Natural gas recovery, boosting of boil-off-gas
- Recovery of refrigerant gases
- Boosting of air
- Boosting of oxygen
- Boosting and storage of hydrogen and syngas

HAUG.Pluto



HAUG.Mercure



HAUG.Neptune



HAUG.Sirius



HAUG.Titan



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HAUG.Cygnus



HAUG.Taurus



HAUG.Orion



HAUG.Uranus



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HAUG.Pluto



HAUG.Mercure



HAUG.Neptune



HAUG.Sirius



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Service partnership means to be there for the customer

Secure systems, always available

After delivery of the compressor, we will assist the customer with specialized knowledge and continue to help and support him during commissioning, maintenance and operation of the compressor systems.

Training and qualifications

All our knowledge about compressors is in the hands of highly skilled service staff. Continued training of our staff and their extensive experience with numerous compression applications guarantees security, reliability and a high-quality standard.

Comprehensive network – short distances

The HAUG Sauer service network consists of our own staff in Switzerland and Germany as well as certified service technicians of partner companies from the Sauer Compressors Group. Each application requires individual maintenance and repair work. Short distances enable quick responses.

The 24-hour hotline

HAUG Sauer Kompressoren AG offers an on-call service 24 hours a day, 7 days a week (24-hour hotline) with short response time.

Compressors for rent

To bridge or secure a continuous supply of compressed air HAUG Sauer provides a range of rental compressors.

Spare parts for over 30 years

For many HAUG-compressors, spare parts are available even 30 years after delivery, a quality feature for solidity and sustainability.



Innovation and Quality «Made in Switzerland»

Innovation and quality of HAUG products and services are based on the experience and expertise of our long-time employees. With quality and lean management. We work on the continuous improvement of processes, products and services.

High-tech in the field of dry-running piston compressors

Through the use of advanced materials in dry-running piston compressors and the application of the most accurate tolerances in production, we are able to fulfill the most demanding customer requirements.

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

We have modern and efficient machinery. Due to 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 quality management ISO 9001 and management techniques ensures continuous and sustainable high quality, simplifies procedures and enhances customer benefits through improvements.





Your local agent / partner:

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