



Sauer Compressors



DEFENCE

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

Top quality delivers top results

As one of the global market and technology leaders in the development and production of high-pressure compressors, systems and accessories for armies, air forces and navies, Sauer Compressors delivers top-of-the-line compressor systems for defence applications.

In the naval sector Sauer Compressors has established itself as the leading provider for high-pressure compressor systems. Starting as supplier to the German Navy, Sauer quickly gained a worldwide reputation as a reliable manufacturer of naval compressors. Nowadays, more than 55 navies worldwide rely on Sauer compressors.

Sauer also offers bespoke solutions for any high-pressure air or gas requirement in the armed forces, ground support, testing or research facilities. These solutions can be designed for fixed installation or mobile use and delivered to comply with military specifications and with ILS, if required.

What we offer

- More than 135 years of experience
- Independent family-owned company with a long-term strategy
- Extensive knowledge in the specialised demands of government customers
- Compliance with the strictest military specifications
- Strong focus on after-sales & service
- Lifetime in-service support



“National security is not a business but an insurance, an investment against what might happen. Our daughters and sons deserve the best equipment available when doing their duty!”

Dipl.-Ing. Harald Schulz
CEng MIMarEST

Managing Director
Sauer Compressors Group

About Sauer Compressors

Sauer Compressors is a medium-sized group of companies headquartered in Kiel, Germany. Founded in 1884, it now focuses on the development, production and sale of oil-lubricated and oil-free medium- and high-pressure compressors for applications in the defence, commercial shipping, general industry and petro industry sectors. Its modern reciprocating compressors for both air and a wide range of gases deliver pressures of 1–500 barg.



Product lines

SAUER

**Oil-lubricated
high-pressure compressors**

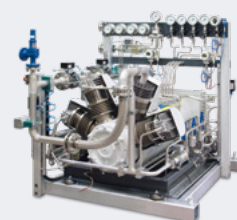
Quality made in Germany



Haug

**Oil-free gas-tight
compressors**

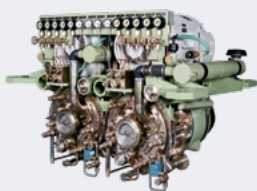
Quality made in Switzerland



GIRODIN

**Oil-lubricated high-pressure
naval compressors in a
submarine-specific design**

Quality made in France



EK

**Compact oil-lubricated
high-pressure naval compressors**

Quality made in India



Product features

- High-pressure air & gas compressors
- Robust design for a long service life in the harshest environments
- Shock-proof compressors (e.g. MIL-S-901D, BV 0430, MAP 01-470)
- Compressors with a of high degree of EMC immunity
- Non-magnetic compressors
- Customer-specific designs
- Turnkey solutions
- All the necessary accessories, incl. spare parts, from a single source
- Long-term after-sales support (35+ years)

Air



- High-pressure air and gas solutions
- Air force ground support
- Mobile independent, high-pressure solutions for remote areas
- High-pressure air for starting jet fighters
- Nitrogen supply for IR-guided missiles
- Nitrogen for maintenance of surface-to-air missiles (SAM)
- Nitrogen for filling jet fighter tyres
- Oxygen compressors

Land



- High-pressure air and gas solutions
- Pneumatic systems on tanks
- Fuel tank blanketing
- Missile Support (Ammo Loading Systems)
- Nitrogen compressors
- Oxygen compressors
- Starting air compressors

Sea



- Centralized high-pressure air systems on naval vessels
- Starting air for diesel engines
- Starting air for gas turbines
- On-board breathing air solutions
- Breathing air units for special forces
- Dockside air for submarine bases

Global technology and market leader

More than 55 of the world's navies rely on Sauer Compressors in their aircraft carriers, destroyers, frigates, corvettes, patrol boats, submarines and mine hunters.

Navies that appreciate such special design features as:

- Easy maintenance and accessibility
- Low noise signature
- High reliability
- Low-weight, compact design

Based on the feedback from navies' experience, Sauer's know-how results in a steady stream of innovations, e.g. the WP 5000 high-pressure air compressor with its 100% balanced free inertial forces.

Innovations that give navies the technological leadership to tackle the challenges of tomorrow's world!



55 navies



220 ship programmes



1,415 ships



3,600 compressors

No compromise – the best service available!

“Full product support and spare parts guaranteed for at least 35 years after delivery”

We are in for the long haul! At Sauer Compressors our commitment to customers does not stop at delivery. Our support spans our products’ entire service life. That is how we make sure our customers get the most out of their compressed air and gas systems – low running costs and maximum reliability. Our highly skilled service technicians, representatives and servicing stations in over 60 countries guarantee an efficient and expert customer service, wherever and whenever it is required.

Genuine Spare Parts

- Extensive central warehouse with all maintenance and regular spare parts in stock for emergency support
- Global warehouses strategically located for short delivery times
- Genuine high-quality spare parts to ensure your compressor’s proper operation and performance
- Strong focus on interchangeability if upgrades are necessary
- Spare parts guaranteed for at least 35 years after delivery of your compressor
- NATO stock numbers available for all major spare & maintenance parts
- All parts come with the Sauer Certificate of Conformity and Authenticity



Technical After Sales Services:

- Maintenance contracts
- Inspection contracts
- Maintenance at customer’s facility or in our workshop
- Complete compressor overhauls at our workshop
- Support and advice when switching from third-party to Sauer products



Integrated logistics support (ILS)

High-value products and solutions require high-quality product support and documentation. This covers the whole range of ILS, including:

- Mission-based maintenance concepts
- Customer-specific documentation (e.g. S1000D)
- Configuration management
- Obsolescence management

Training

To familiarise your staff with their new equipment, Sauer offers numerous comprehensive and practical training courses, which can be held at one of our worldwide training centres or at your facility with your own compressor. Divided into various categories, these training courses provide users, operators, maintenance personnel and service technicians with all the knowledge they need – and are tailored to your specific requirements.

Training options

- In-house training
- On-site training
- On-the-job training
- Train the trainer seminars



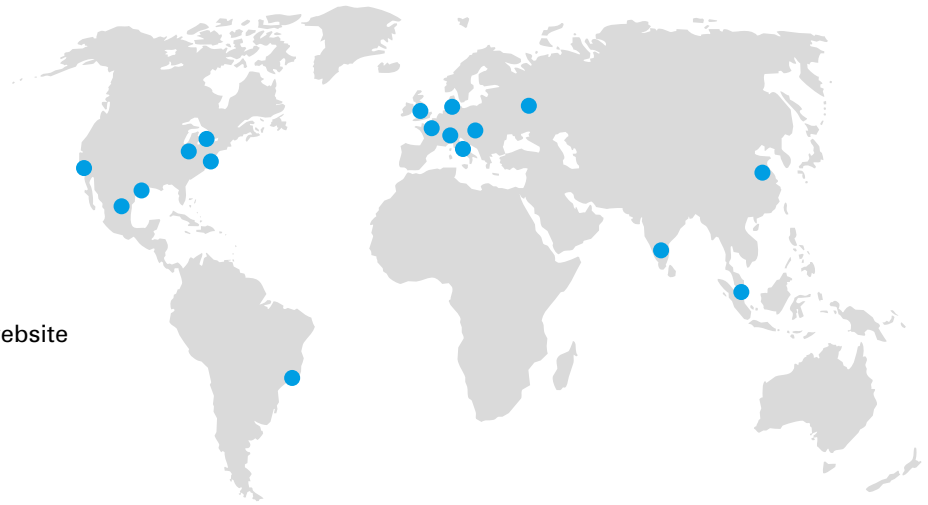
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