



Sauer Compressors USA

SAUER

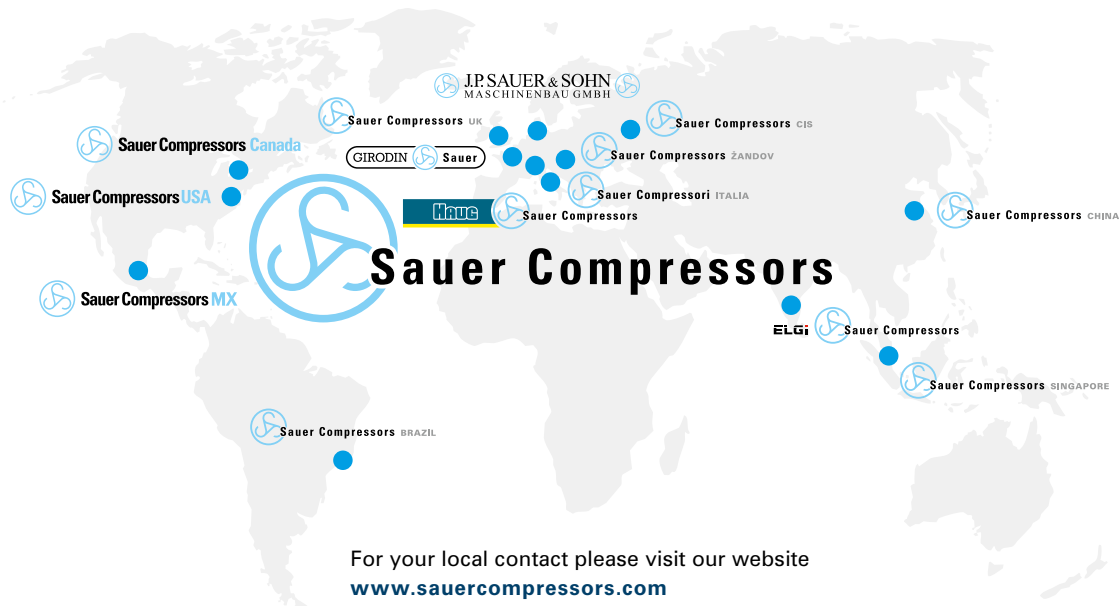
HAUG



INDUSTRY

Dependable up to 7,000 psi – anywhere, anytime, anygas.

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Comprehensive industry expertise

With over 85 years of experience in compressed air technology, we know the challenges our customers are facing all over the world. As a global company we keep local requirements in mind: Our companies and partners around the globe know the particular demands in each area and provide exactly the right solutions and services to meet them. Our support knows neither business hours nor time zones – we are available whenever we are needed.

SAUER – High-pressure know-how made in Germany

Our headquarters J.P. Sauer & Sohn in Kiel, Germany, serves as the centre of excellence for our renowned SAUER-range of piston compressors. The oil-lubricated machines are available for pressures up to 7,250 psi and designed for continuous operation. The reciprocating models allow compression in up to five stages. A total of up to six cylinders are mounted in a star, V or W arrangement. The compressors are the ideal solution for operation at atmospheric suction pressure or to be used as gas-tight boosters with pre-pressures up to 363 psi.

HAUG – World leading oil-free piston compressors

HAUG compressors are the first choice when it comes to demanding applications that require maximum process purity and safety. The dry-running machines are entirely oil-free, prevent contamination and provide hermetic gas-tightness. The modular and tailor-made design helps to achieve pressures up to 6,527 psi. High-tech innovations, such as a non-contact magnetic coupling (up to 147 HP) and the high-pressure piston design NanoLoc®, add to the compressors' outstanding performance.

Modular design for maximum versatility

SAUER compressors

Due to their modular design, our SAUER compressors can easily be expanded to accommodate specific requirements – from the affordable “Basic”-variants to complete systems, consisting of a sound-proof canopy, an integrated SAUER compressor control, a condensate management and an integrated high-pressure adsorption dryer.

SAUER Basic variants

	 Mistral	 Passat	 Breeze	 Tornado	 Hurricane	 Orkan	 Typhoon	 5000 series	 6000 series
Basic	✓	✓	✓	✓	✓	✓	✓	✓	✓
BasDiesel (E/FA)	✓	✓	-	-	✓	-	-	-	-
BasBooster	✓	✓	-	✓	✓	-	✓	✓	-
BasSeal ^{He}	-	✓	-	-	✓	✓	-	-	✓
BasSeal ^{CNG}	-	✓	-	-	✓	✓	-	-	✓



 Hurricane WP 4351 BasSeal^{CNG}



 Hurricane WP 4331 BasDiesel

- Basic** Air compressor with e-motor
- BasDiesel** Air compressor with diesel engine
E: Electric start, manual operation | **FA:** Full automatic start and operation
- BasBooster** Nitrogen booster with e-motor
- BasSeal^{He}** Hermetically gas-tight helium compressor with e-motor
- BasSeal^{CNG}** Hermetically gas-tight CNG compressor with e-motor


SAUER Complete variants

	 Mistral	 Passat	 Breeze	 Tornado	 Hurricane	 Typhoon	 5000 series	 6000 series
ComSilent	✓	✓	-	✓	✓	-	-	-
ComDry	✓	✓	-	✓	✓	-	-	-
ComBooster	✓	✓	-	✓	✓	-	-	-
ComSeal ^{He}	-	✓	-	✓	✓	-	-	-



 Hurricane WP 4351 ComSeal^{He}



 Tornado WP 3251 ComBooster

- ComSilent** Air compressor with e-motor in sound proof canopy incl. SAUER electronic compressors control
- ComDry** Air compressors with e-motor in sound proof canopy incl. SAUER electronic compressors control and integrated adsorption dryer
- ComBooster** Nitrogen booster with e-motor in sound proof canopy incl. SAUER electronic compressors control
- ComSeal^{He}** Hermetically gas-tight helium compressor with e-motor in sound proof canopy incl. SAUER electronic compressors control

Maximum process purity and safety

HAUG compressors

Oil-free, dry-running & hermetically gas-tight: these remarkable features characterise HAUG compressors. All HAUG series are available in different variants, ranging from compressor blocks for OEM customers up to complex solutions according to customer's specifications including controls, sound proof canopies, storage systems and many more.

Based on a flexible modular concept, all compressor types can be configured exactly to the customer' demands.

HAUG Basic variants

	<i>HAUG.Cygnus</i>	<i>HAUG.Taurus</i>	<i>HAUG.Orion</i>	<i>HAUG.Pluto</i>	<i>HAUG.Mercurc</i>	<i>HAUG.Neptune</i>	<i>HAUG.Sirius</i>
Block	✓	-	-	✓	✓	✓	✓
Incomplete	✓	-	-	✓	✓	✓	✓
Basic	✓	✓	✓	-	-	-	-
BasSeal	-	-	-	✓	✓	✓	✓



HAUG.Pluto | **Block**



HAUG.Mercurc | **Incomplete**



HAUG.Neptune | **BasSeal**

- Block** Air / Gas compressor block with e-motor (excl. piping and coolers)
- Incomplete** Air / Gas compressor block with e-motor (incl. piping and coolers)
- Basic** Air compressor with e-motor (incl. piping, coolers, instrumentation, wiring and connection box)
- BasSeal** Gas compressor with e-motor (incl. piping, coolers, instrumentation, wiring and connection box)

HAUG Complete variants

	<i>HAUG.Cygnus</i>	<i>HAUG.Taurus</i>	<i>HAUG.Orion</i>	<i>HAUG.Pluto</i>	<i>HAUG.Mercure</i>	<i>HAUG.Neptune</i>	<i>HAUG.Sirius</i>
ComControl	✓	✓	✓	✓	✓	✓	✓
Package	✓	✓	✓	✓	✓	✓	✓



HAUG.Sirius | ComControl



HAUG.Sirius | Package

ComControl Air/ Gas compressor module (incl. instrumentation and electronic compressor control)

Package Customised solution with features such as sound proof canopies, container installation, storage systems and many more.

HAUG NanoLoc® high-pressure variants

	<i>HAUG.Cygnus</i>	<i>HAUG.Taurus</i>	<i>HAUG.Orion</i>	<i>HAUG.Pluto</i>	<i>HAUG.Mercure</i>	<i>HAUG.Neptune</i>	<i>HAUG.Sirius</i>
NanoLoc®	-	-	-	-	✓	-	✓



HAUG.Sirius NanoLoc

Due to the unique and patented NanoLoc® piston design, final pressures up to 6,527 psig are possible.

Accessories



Air and gas treatment

In addition to our compressors, we offer a wide range of downstream equipment, such as filters for air and gas purification as well as refrigeration and desiccant type dryers. These solutions are available for pressures ranging from 580 to 5,800 psig.

- Sauer Refrigeration Dryers (SRD)
- Sauer Desiccant Dryers (SDD)



Condensate management

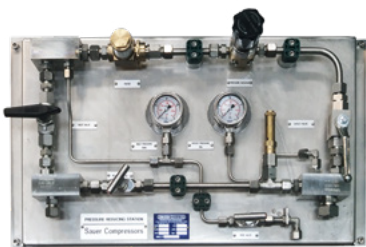
To prevent traces of oil and other contaminants from being released into the environment, we provide a variety of condensate collection pots for use with our oil-lubricated compressors.

Air and gas storage

When it comes to storing the compressed media, Sauer customers can choose from a variety of options. The portfolio includes both vertical and horizontal pressure vessels for pressures up to 580 psig as well as high-pressure bottle racks with capacities of up to 600 l for pressures up to 5,076 psig.



- Sauer BasRack 2–12
- Sauer PureRack 2–12



Air and gas distribution

To ensure optimal air and gas distribution, the right pressure is essential. Our efficient Reduflex pressure reducing stations offer maximum reliability and present the ideal addition to any compressor station.

- Sauer Reduflex



Water to water heat exchanger

When using fresh water cooled compressors, it can be necessary to protect the cooling circuit from harmful cooling water. The heat exchanger from Sauer Compressors separate the primary water circuit from the secondary circuit, resulting in highest operational reliability regardless of water conditions.

Sauer Compressors Projects

In addition to offering a wide range of turnkey solutions, Sauer Compressors is ideally equipped to meet highly individual demands. We achieve this by either customising our standard products or by literally going back to the drawing board to design the required specification. We provide explosion proof designs or options that are in accordance with Norsok, ASME and many other standards.

- Completely new customer specific designs
- Specifications in accordance with international standards
- Standard products easily adapted to customers' needs

SAUER

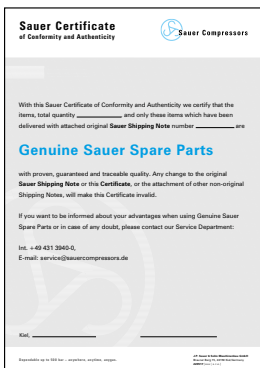
Sauer ComBox container solutions:

With our ComBox container toolkit we can provide individual high-end container solutions in the shortest time. As Basic, Plus or Offshore version with CSC certification in 10" or 20".



Our Service – As individual as your needs!

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



Genuine Spare Parts

- Extensive central warehouse (all maintenance and regular spare parts in stock)
- Global warehouses strategically located for short delivery times
- High quality genuine spare parts to ensure proper operation and performance of your compressor
- Interchangeability is guaranteed even if technical changes have been made due to technical developments
- Spare parts are guaranteed for at least 35 years after the delivery of your compressor
- All parts come with a "Sauer Certificate of Conformity and Authenticity"

Technical After Sales Services:

- Full service contracts
- Maintenance contracts
- Inspection contracts
- Maintenance at client's facility or in our workshop
- Complete compressor overhauls at our workshop
- Support and advice while changing from third party to our product range

Rental Solutions

Sauer Compressors offers an efficient, straightforward compressor hire service for customers who require compressed air or gas immediately or over a fixed period. From standard compressors to customised modules, no matter if you need to handle temporary orders, unforeseen outages or simply to bridge waiting times, with our worldwide network we have the right solution for virtually every application. All compressors are immediately available, easy to set up and can be pre-set in our factory according to our customers' needs. You receive a flexible all-inclusive package with individual monthly rates.

for rent

By choosing Sauer Rental Solutions, customers benefit from:

- Worldwide rental fleet
- Compressors ranging from 290–7,252 psig immediately available
- All-inclusive package – no maintenance, no extra cost
- Most up-to-date compressor technology without long delivery times

Sauer Training

To keep your technical knowledge up-to-date, Sauer offers numerous comprehensive and practical training courses. The courses can take place either in one of our world-wide training centres or on-site with your own compressor. Divided into various categories, the training provides users, operators, maintenance personnel and service technicians with the knowledge they need – all tailored to your specific requirements.

Training options

- In-house training
- On-site training
- On-the-job training
- Train the trainer seminars
- Sauer Training Container



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Sauer Compressors USA



Find your local partner at our global website

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