

FILCOM GmbH

In the field of compressed air, FILCOM has been a reliable partner for companies in Baden-Württemberg for 20 years for maintenance and repair work on well-known compressor brands and complex compressed air systems. The company employs 20 people and is certified according to DIN EN ISO 9001:2015. The requirements of our customers - high quality and cost-effectiveness in compressed air generation and the competence and know-how of our team - are the focus of our daily work.



Our product portfolio



Consumption measurement



Heat recovery



Pressure maintenance system



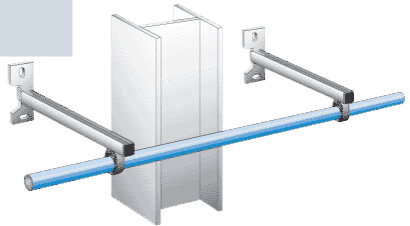
Compressors



Compressed air preparation



Control system



Piping systems

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FILCOM
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THE WHOLE WORLD OF COMPRESSED AIR.



ANALYSIS &
CONSULTING



COMPRESSORS &
PREPARATION



MAINTENANCE, REPAIR
& INSTALLATION



Setting standards: with knowledge, experience and curiosity

Whether plant optimisation or customised new planning: at FILCOM, customers benefit from the consulting and analysis expertise of a well-positioned team for products from the largest compressed air system supplier for compressors and blowers - KAESER Kompressoren SE. With analysis methods in accordance with DIN EN ISO 11011 and an experienced and trained feel for the requirements of a wide range of industries, the FILCOM team offers its customers for future-proof-solutions, precisely in line with the required demand, which save money and are also good for the environment.

We understand your requirements

Your new compressed air station must be as individual as your requirements as an operator. That's why we listen and look very closely and ask the right questions. Our diverse industry knowledge helps us to do this - regardless of whether you manufacture jewellery or semiconductors, operate a cement plant, a car factory or a brewery. Together with you, we record all necessary production parameters and framework conditions.

Analysis of compressed air utilisation

The analysis is the core. Here, we use a wide variety of measurement technology that is needs-oriented, customer-specific and independent of manufacturers, depending only on the application. Sometimes the combination of different measuring systems makes the difference to success. In most cases, it is necessary to record several sensors simultaneously and evaluate them later. In this way, we identify weak points and uncover unused potential, which we then present to you in a personal meeting.

The evaluation of the data obtained

For this purpose, we use the most modern evaluation software to guarantee high quality data. In order to obtain an economic solution that works close to the optimum under all conditions, several concepts must be compared. The gradations between several compressors must be taken into account exactly, as must the entire subsequent processing. The pressure loss up to the last consumer are significantly relevant.

The individual compressed air station

Based on our evaluation, the FILCOM team will map out a way for you to significantly increase the efficiency of your compressed air station and maintain it for the future. You will benefit in the long term through savings that can only be achieved through a system approach. Networking the individual compressors through a KAESER compressor management system ensures transparency in electricity and compressed air costs. The control system actively provides an energy report and thus important data for your energy management.

Commissioning & Maintenance

After commissioning, we take over the maintenance of your system and ensure a highly efficient compressed air station throughout its entire service life. With our comprehensive spare parts warehouse and rental machinery in conjunction with our emergency service, short response times are guaranteed.

Scope of services

- Repair / maintenance / installation of screw / piston compressors, compressed air preparation
- Analysis & consulting, planning
- Pipeline installation
- Consumption measurement / leakage detection

Qualifications

- trained refrigeration technicians according to category 1 and 2 according to § 5 ChemKlimaschutzV
- Certified specialised company according to WHG § 62 (1) AwSV
- Qualified person according to BSVO (formerly Pressure Equipment Directive)
- Qualified electrician for defined activities

Service on following brands

Compressors

- AGRE
- Almig
- Alup
- Atlas Copco
- Boge
- Compair
- KAESER
- MAHLE
- Mark
- Renner
- Schneider

Processing

- BEKO
- Dominik-Hunter
- Donaldson
- FST
- KAESER
- MTA
- Parker / Zander
- Wortmann

Preparatory work for periodic inspections

Preparatory work for periodic inspections of compressed air tanks by an approved inspection body:

- internal testing: max. 5 years
- Strength test: max. 10 years

Filtration maintenance

By replacing the existing filter elements annually, a consistent compressed air quality is achieved. In addition, an unnecessary increase in energy costs due to increased differential pressure is avoided.

Maintenance on refrigeration dryers

During maintenance of the refrigeration dryer, the condenser is cleaned and an inspection of the refrigeration circuit is carried out in accordance with Regulation (EU) No. 517/2014 and Directive 2006/40/EC. This ensures proper functioning of the refrigeration dryer.

Maintenance on compressors

In accordance with the respective manufacturer's specifications, all maintenance-relevant components such as filters or valves are replaced during compressor maintenance. Regular maintenance minimises failures, reduces energy costs and increases operational safety.

Maintenance on steam traps

The annual service of the steam traps includes a function test as well as a replacement of the wear-relevant parts. This reduces malfunctions and prevents moisture in the compressed air network.

Maintenance on oil-water separators

The condensate produced by the compressor must be treated in accordance with the Water Resources Act §7a before being discharged into a sewage system. Replacement of the oil-saturated activated carbon filter, cleaning of the oil-water separator and a functional test are necessary at regular intervals.