

KAESER AIR SERVICE

Our Services – An Overview

KAESER

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KAESER AIR SERVICE

100% quality and service

One of the key requirements for any compressed air application is maximum compressed air availability. This is achieved however only by using the very best and most efficient components in conjunction with meticulous service and maintenance. Premium service plays a key role in ensuring that your compressed air supply system operates at the peak of its performance at all times and provides maximum production reliability.

Meticulous service reduces energy costs

Energy efficiency goes hand-in-hand with reliability as a core ingredient of a cost-effective compressed air supply. Application-tailored service reduces air leakage, maintains correct operating temperature, guarantees minimal pressure drops (in conjunction with original filters) and optimises system control. KAESER AIR SERVICE reduces energy costs and maximises compressed air availability over the long-term.

Training and qualifications

KAESER AIR SERVICE ensures continuous end-to-end care of all compressed air systems. You can be safe in the knowledge that all of your compressed air technology equipment is in the hands of highly skilled and qualified service technicians. KAESER's authorised field staff participate in basic and specialised modular training courses to ensure they have the necessary skills to provide very best in professional,

expert service. This in turn significantly enhances the long-term reliability and efficiency of the compressed air systems to which KAESER's service personnel are assigned.

Global service – at your doorstep

KAESER AIR SERVICE is there for you: In Germany, for example, highly qualified service technicians are on standby at seven branch offices across the country. A customised maintenance and service concept identifies what's required to optimise compressed air efficiency for each and every application. Close proximity ensures rapid response, which means maximum compressed air availability.

Fully equipped

KAESER service vehicles are stocked with a comprehensive range of service and maintenance parts to ensure that technicians can immediately carry out any necessary repair work. Should additional parts be required, the advanced logistics centre at the main plant in Coburg will ship the necessary items to site overnight. Preventative maintenance too plays an essential role in achieving optimum system performance and minimised costs, which is why all associated items are also available at short notice.

24-hour emergency service

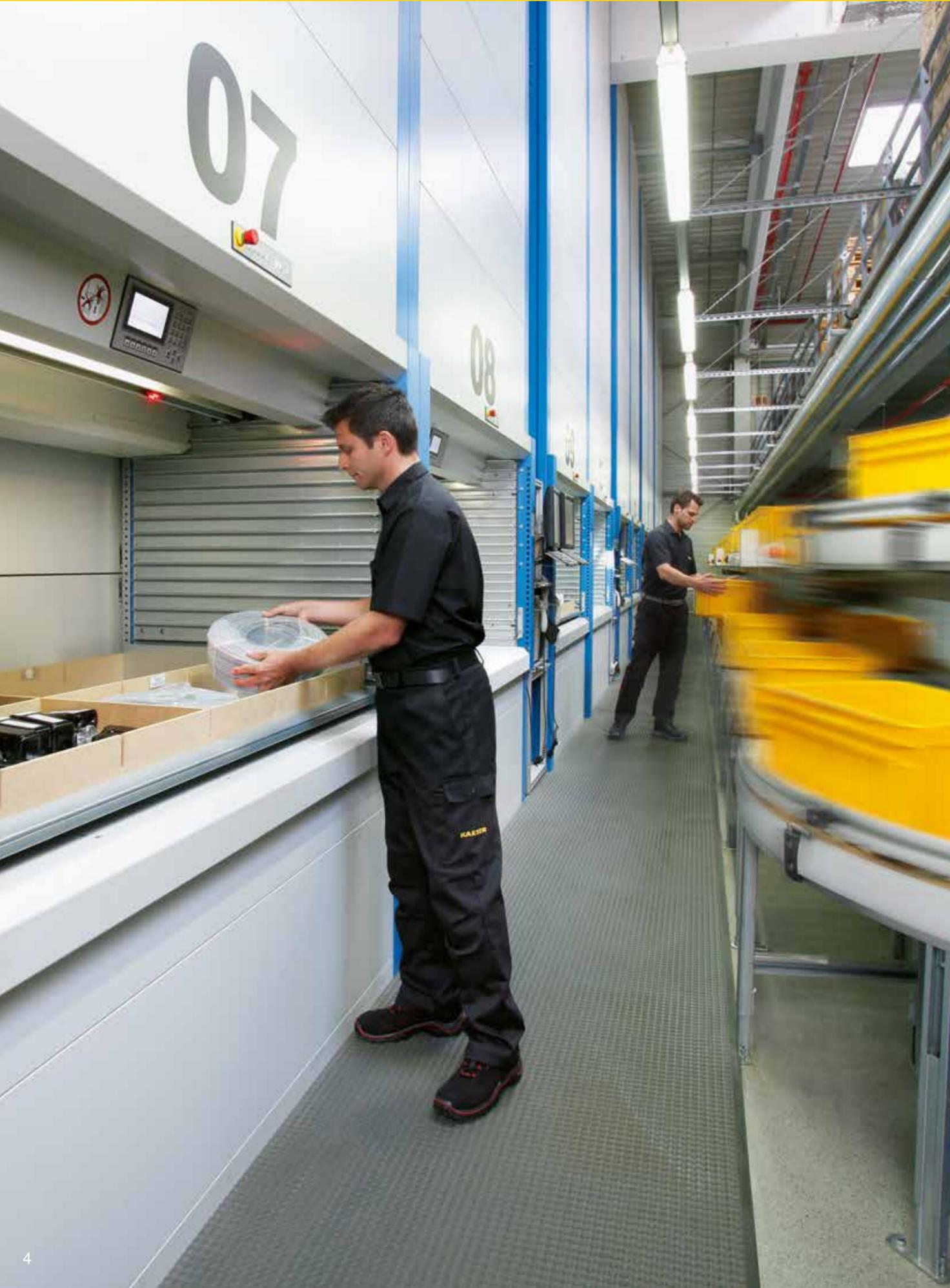
Compressed air needs to be available all day, every day, which is why technical support staff, replacement parts and service technicians are on standby to provide emergency support 24/7.



Fully equipped



KAESER service vehicle



KAESER AIR SERVICE

**Time is money:
Service to suit your needs**



Genuine KAESER parts

KAESER's service personnel use only genuine maintenance and spare parts with proven long-term quality to ensure functional reliability and long life. Only KAESER original parts guarantee tested quality and ensure optimum compressed air supply performance.



Worldwide Teleservice

Global networking and data communications mean KAESER products can be diagnosed remotely and maintained as required. The service provides improved availability and optimised overall air supply efficiency.



Training and qualifications

The KAESER Training Centre has the perfect combination of theoretical and practical training facilities. Experienced technicians and engineers provide service and product training, and each training room is effectively a fully equipped workshop providing hands-on challenges for training course participants.



Parts logistics: fast and precise

The automated parts warehouse in the KAESER Distribution Centre is the hub for rapid despatch of required maintenance and spare parts to all corners of the planet. Fully automatic parts identification ensures seamless, error-free processing.

KAESER AIR SERVICE – Scope of services

KAESER AIR SERVICE – Scope of services	Inspection	Inspection plus	Maintenance	Maintenance plus	Full Service
Compliant with German BGR 500 safety requirements	✓	✓	✓	✓	✓
Check display, warning and alarm messages	✓	✓	✓	✓	✓
Check shutdown and safety functions	✓	✓	✓	✓	✓
Carry out inspection work	✓	✓	✓	✓	✓
Perform component function test	✓	✓	✓	✓	✓
Check monitoring, switching and control components	✓	✓	✓	✓	✓
Check integrity of electrical clamped joints	✓	✓	✓	✓	✓
Check pipe and hose connections	✓	✓	✓	✓	✓
Inspect electrical components, indicators and displays	✓	✓	✓	✓	✓
Inspect mechanical components	✓	✓	✓	✓	✓
Clean and test cooler	✓	✓	✓	✓	✓
Check compressed air inlet / discharge temperatures and pressure dew point	✓	✓	✓	✓	✓
Check bypass line	✓	✓	✓	✓	✓
Re-grease motor bearings	✓	✓	✓	✓	✓
Perform maintenance work	0	0	✓	✓	✓
Replace air filters, inlet filter mats	0	0	✓	✓	✓
Replace oil, oil filter, oil separator cartridge, oil scavenger	0	0	✓	✓	✓
Replace V-belt, drive coupling	0	0	✓	✓	✓
Update controller software	0	0	✓	✓	✓
Replace piston rings, pressure springs and guide bands	0	0	✓	✓	✓
Replace filter elements	0	0	✓	✓	✓
Replace activated charcoal, refrigerant and desiccant	0	0	✓	✓	✓
Clean filtrate, oil drain and service parts	0	0	✓	✓	✓
Clean separator drain and dirt trap	0	0	✓	✓	✓
Replace condensate treatment components, activated charcoal, filter cartridge	0	0	✓	✓	✓
Replace condensate drain receiver and service parts	0	0	✓	✓	✓
Replace condensate drain and service parts	0	0	✓	✓	✓
Replace permanently lubricated motor bearings	0	0	0	✓	✓
Replace valves and service parts	0	✓	0	✓	✓
Perform preventative maintenance work	0	0	0	0	✓
Replace non-permanently lubricated motor bearings	0	0	0	0	✓
Repair or replace compressor airend / block	0	0	0	0	✓
Repair or replace pressure relief valve and fittings	0	0	0	0	✓
Repair or replace monitoring, switching and control components	0	0	0	0	✓
Replace safety screens	0	0	0	0	✓
Replace drive pulleys	0	0	0	0	✓
Repair or replace cooling system, condenser	0	0	0	0	✓
Repair or replace pistons, gudgeon pins and cylinders	0	0	0	0	✓
Repair or replace fan blades	0	0	0	0	✓
Repair or replace fan shaft	0	0	0	0	✓
Repair or replace heat exchanger	0	0	0	0	✓
Perform tests	0	0	0	0	✓
Perform leak test on refrigerant loop as per the EU "F-Gas Regulation"	0	0	0	✓	✓
Regularly test vessels within the scope of responsibility of the individual assigned to ensure compliance with applicable industrial healthy and safety regulations	0	0	0	0	✓
Operator's responsibilities	0	0	0	0	0
Local authority approval for installed equipment	0	0	0	0	0
Weekly checks as per operating instructions	0	0	0	0	0
Risk assessment	0	0	0	0	0

✓ KAESER's responsibility 0 Operator's responsibility

KAESER Service Agreements

Full Service

A KAESER Full Service agreement ensures that complex compressed air supply systems deliver optimum performance throughout their entire service life and retain maximum value. All maintenance, servicing and inspection appointments – as well as commissioning work – are carried out according to the individual customer's specific needs. Main components and safety-related systems are also checked, adjusted, or replaced as required.

Maintenance

A KAESER maintenance contract is the ideal way to maximise system availability, safety and value retention. KAESER service technicians inspect and maintain your equipment at regular intervals specific to the particular product.

Closer to customers

KAESER AIR SERVICE is never further than a phone call away: A comprehensive network of KAESER branches and authorised KAESER service partners ensures rapid response to meet your exact needs and to maintain compressed air supply dependability.

Other user responsibilities

Seamless documentation of all KAESER AIR SERVICE activities gives users the assurance they need, in addition to meeting all current accident prevention regulations.

However, it does not relieve the user of legal obligations associated with operating a compressed air system or systems. This includes, for instance, acceptance of the installed equipment by the local inspection authority, weekly safety tests as outlined in the operating instructions and independent risk assessment by the owner.

Advantages at a glance

Legal security in accordance with DGUV 100-500 ✓

Optimised operational reliability and availability ✓

Lower energy costs ✓

Long-term value retention ✓

Charge-free service number: **08000 KAESER (08000 523737)**



The world is our home

As one of the world's largest compressed air system providers and compressor manufacturers, KAESER KOMPRESSOREN is represented throughout the world by a comprehensive network of branches, subsidiary companies and authorised partners in over 140 countries.

With innovative products and services, KAESER KOMPRESSOREN's experienced consultants and engineers help customers to enhance their competitive edge by working in close partnership to develop progressive system concepts that continuously push the boundaries of performance and compressed air efficiency.

Moreover, the decades of knowledge and expertise from this industry-leading system provider are made available to each and every customer via the KAESER group's global computer network.

These advantages, coupled with KAESER's worldwide service organisation, ensure that every product operates at the peak of its performance at all times and provides maximum availability.



KAESER KOMPRESSOREN SE

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