

At A Glance...

Products for a complete air system



Kaeser Compressors, Inc.

We offer a complete line of air system products including rotary screw compressors with the highly efficient Sigma Profile™ and the Sigma Control™ system, Mobilair™ portable compressors, oil-less reciprocating compressors, Omega™ rotary lobe blowers, vacuum packages, refrigerated and desiccant dryers, filters, condensate management systems and a variety of related products.

Kaeser specializes in evaluating each customer's compressed air application by providing the most efficient and effective air system solution. An extensive inventory ensures rapid response and superior availability. In fact, only Kaeser provides 24-hour emergency parts shipment.

Premium Efficiency Equipment

Kaeser's proprietary developments and equipment designs have helped many customers save thousands of dollars in energy costs every year. Our products are designed to work together to achieve maximum efficiency, reliability and optimum performance.

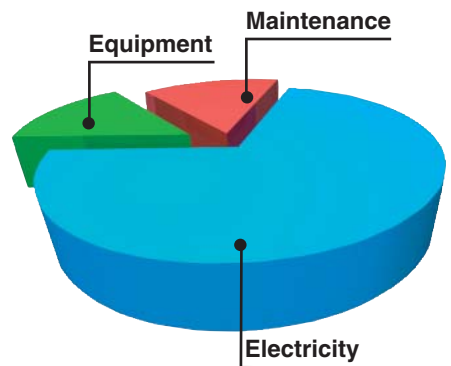
With Kaeser premium efficiency air systems, the advantages include:

- Low pressure drop
- Strict manufacturing tolerances
- High-efficiency motors, engines and heat exchangers
- Advanced airend and rotary lobe profiles
- State-of-the-art control systems

Lower Long Term Costs

Energy costs are a significant portion of any air system's total cost. In fact, the amount of energy required to run an air system for just one year can exceed the purchase price. Over a period of 10 years, this normally totals 70% of the overall costs.

With Kaeser's energy-saving equipment delivering up to 20% more air per horsepower, the cost-efficient choice is clear.



Compressor and Blower Products

Compressors



Kaeser's rotary screw air compressors feature the proprietary Sigma Profile airend. Available from 3 to 650 hp with capacities from 9 to 3044 cfm, and pressures up to 217 psig. All units are fully packaged and

ready for hook-up. Unit shown features our Sigma Frequency Control variable speed drive. "T" versions with integral dryer also available on most models.

Complete Compressed Air Systems



Kaeser also offers complete compressed air systems that integrate our compressor, dryer, tank, and drain into one simple package. These systems are ideal where floor space is limited.

Rotary Screw Vacuum Packages



Available with capacities ranging from 168 to 555 acfm and 99.9% final vacuum and are equipped with 10 hp to 40 hp TEFC motors. Switchable DUAL/modulation control and an externally mounted vacuum

filter in the suction line are standard.

Booster Compressors



These single-stage units increase air system pressure up to 650 psig. Units are baseplate-mounted and range in size from 3 to 60 hp with capacities to 893 cfm. Booster compressors are ideal for many applica-

tions where a moderate amount of high-pressure plant air is required.

Bare Blowers



Omega Plus positive displacement blowers offer flows to 5500 cfm, pressures to 15 psig and vacuum to 27 in. Hg. Heavy-duty construction provides longer service life and quiet operation.

Oil-free Compressors



Airbox oil-less reciprocating compressors range in size from 4 to 12 hp, single-stage, with pressures up to 180 psig. Available as an enclosed, stand-alone compressor or a complete package (Airbox Center)

with compressor, dryer, storage tank, drains and optional filters.

Blower Packages and Integrated Units



Omega blowers are available in standard or customized packages with high-efficiency motors, v-belt drives, silencers and inlet filters. Sound enclosures reduce noise levels up to

20 dB(A). The industry-leading Com-paK Plus design allows units to be installed adjacent to one another. Units offer reduced pulsations and include standard sound enclosures and many pre-mounted accessories.

Mobilair™ Portable Compressors



Available in a wide range of models from 50 to 950 cfm at 100 psig, these units feature the power-saving Sigma Profile airend, heavy-duty industrial engine, and a low-noise enclosure. A complete line of accessories

and air tools are also available.

Clean Air Treatment Products and System Accessories

Refrigerated Air Dryers



Units offered for capacities from 10 to 20,000 scfm. Non-cycling, cycling, and Dual Control dryers provide maximum efficiency by offering the best drying solution for a wide array of applications.

Desiccant Air Dryers



and blower purge KBD dryers complete Kaeser's comprehensive desiccant dryer line.

Available from 7 to 5400 scfm, these regenerative dryers produce pressure dew points as low as -100°F. Kaeser's Breathing Air Systems, heated purge KED dryers,

Compressed Air Filters



Designed with housings that have larger flow areas to ensure low pressure drop, these filters provide easy installation, operation and maintenance. Kaeser filters maintain high

capture rates and filtration efficiencies across a wide range of flows, 20 to 21,250 scfm, and pressures up to 1000 psig.

Drain Traps



Electric Traps and Automatic Drain Traps complete our compressed air treatment product line.

Kaeser's Automatic Drains like the Automatic Magnetic Drain (AMD) (shown, left) and the award-winning Eco-Drain (shown, right) provide reliability and reduce maintenance. Timed

Condensate Management



The Kaeser Condensate Filter automatically removes lubricant from compressor condensate. This allows for easy and economical disposal of compressed air condensate in an environmen-

tally responsible way. The low-maintenance system requires no electricity for operation.

Sigma Air Manager



software provides enhanced reporting and enables end users to monitor air system operation from any location.

The Sigma Air Manager combines the benefits of modern industrial PC technology with Internet technology to provide unparalleled compressor control, monitoring and energy savings. Optional

Compressed Air Distribution System



Fast to install and easy to modify, Kaeser SmartPipe™ is the most versatile compressed air distribution system available. Lightweight materials and push-to-fit connectors reduce

installation time and fatigue, even in overhead installations. Leak free performance with low pressure drop. Available in six sizes from 1/2" to 4".

Kaeser Flow Controller (KFC)



The KFC reduces the actual flow demand by virtually eliminating artificial demand and reducing leakage. Unlike regulators, the KFC has a low internal pressure drop and accurately maintains downstream pressure. The KFC is easily installed in new or existing systems and can handle flows from 250 to 24,000 cfm. "HT" models can be used with externally heated desiccant dryers.

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Compressed Air System Consulting

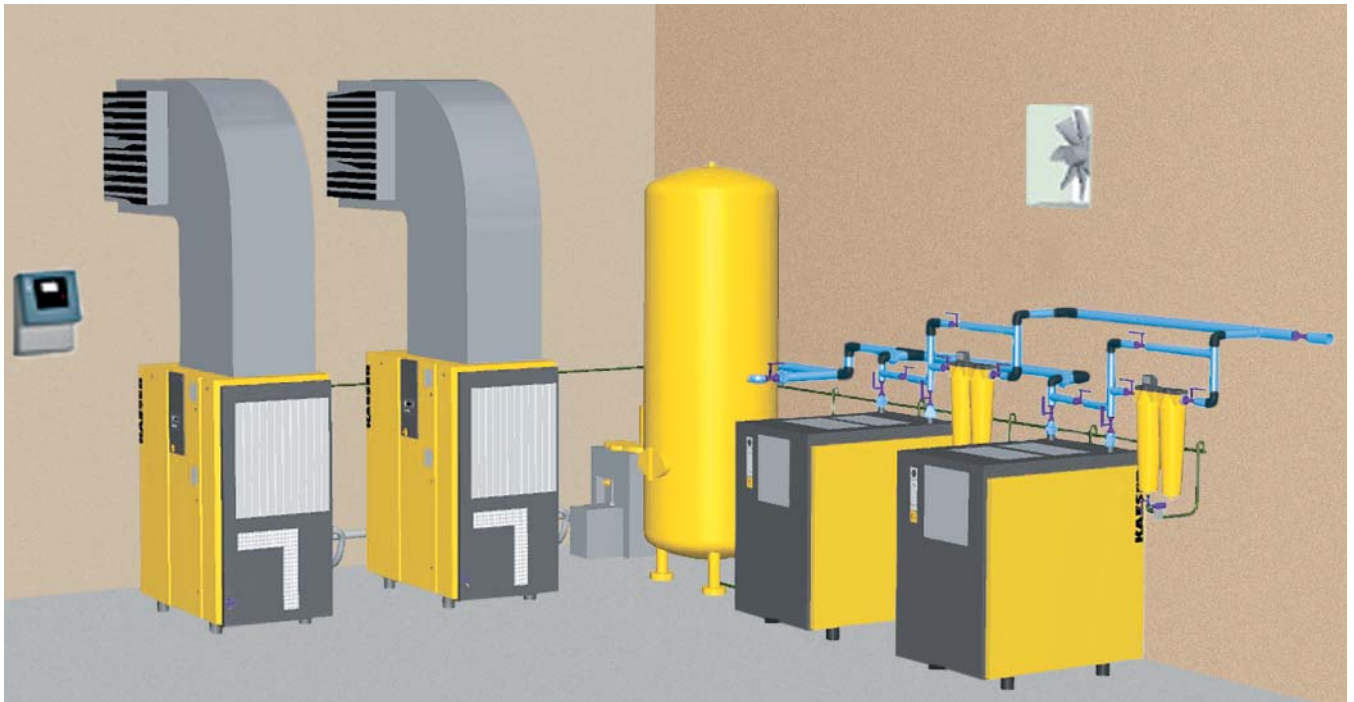
Engineering expertise

Kaeser's team of engineers are always at your service to help design or optimize your compressed air system.

Using our Air Demand Analysis (ADA) and Kaeser Energy Saving System (KESS) we can evaluate your existing installation and demonstrate how proposed changes will improve your system performance.

Kaeser can also produce two-dimensional and three-dimensional drawings of the proposed system. This is a huge benefit in project planning. It helps visualize new equipment and how it will fit into the building along with existing equipment, piping, walls, vents, etc.

This facilitates installation planning. From complex installations to challenging environments to limited space, Kaeser can design a system to meet your specific requirements for performance and reliability.



Comprehensive System Services

Kaeser Compressors is more than just a maker of high quality compressed air system products. Kaeser and its network of value-adding distributors offer complete air system design, analysis and other consulting services.

Understanding your specific compressed air needs is essential to an efficient system. The Kaeser team

provides comprehensive solutions to complex compressed air systems with innovative services including:

- **Air demand analysis**
- **Energy consumption measurement**
- **Air flow measurement**
- **Leak detection**

- **Compressor fluid analysis**
- **Air system design**
- **Factory-trained sales and service representatives**

The Air Systems Specialist

We strive to earn our customer's trust by supplying high quality Kaeser air compressors and related compressed air equipment. Our products are designed for reliable performance, easy maintenance, and energy efficiency. Prompt and dependable customer service, quality assurance, training, and engineering support contribute to the value our customers have come to expect from Kaeser. Our employees are committed to implementing and maintaining the highest standards of quality to merit customer satisfaction. We aim for excellence in everything we do.

Our engineers continue to refine manufacturing techniques and take full advantage of the newest machining innovations. Extensive commitment to research and development keeps our products on the leading edge of technology to benefit our customers. With over 90 years of experience, Kaeser is the air system specialist.



Kaeser Compressors, Inc.

511 Sigma Drive
Fredericksburg, Virginia 22408 USA
Phone: 540-898-5500
Toll Free: 800-777-7873
Email: info.usa@kaeser.com

Certified Management Systems



Kaeser Compressors Canada Inc.

3760 La Verendrye Street
Boisbriand, QC J7H 1R5 CANADA
Telephone: (450) 971-1414
Toll free: (800) 477-1416
info.canada@kaeser.com

Kaeser Compresores de México S de RL de CV

Calle 2 #123
Parque Industrial Juríca
76100 Querétaro, Qro.
Telephone: 01 (442) 218 64 48
sales.mexico@kaeser.com

Kaeser Compresores de Guatemala y Cia. Ltda.

Calz. Atanasio Tzul 21-00, zona 12
El Cortijo II, Bodega 501
01012 – Guatemala City
Telephone: +502 2412-6000
info.guatemala@kaeser.com