

# Sigma Air Utility

Contracted Air Solutions



# A New Solution to an Old Problem

Do you produce your water, gas and electricity? Probably not. So why own and operate compressed air and blower systems if you don't have to?

Let Kaeser — *The Air Systems Specialist* — plan, install and maintain a complete air system in your plant, so you can focus your attention on running your business.

**Sigma Air Utility** is a proven solution. We design, build, install, operate, and maintain our system. We guarantee you the air you need, at the pressure you need, and at the quality you need — for the life of the agreement.

On top of all that, it will be the most energy-efficient air system you've ever had.

## Why Sigma Air Utility?

- Improved productivity and air quality
- Guaranteed air availability; guaranteed uptime
- Fixed operating costs
- No equipment maintenance responsibilities
- Your working capital is saved for other uses

*And above all ...*  
**You stay focused  
on *your* business!**

*A 600 hp fully weatherized duplex system at an automotive component plant.*



# Benefits at a Glance

## Lower operating costs

- Best possible energy efficiency
- Less down time
- Less wasted materials
- Reduced labor costs
- Reduced training cost
- No costs to employ and train air service technicians
- You are not paying your engineering staff to research and design compressed air or blower systems

## Reliability

- *Guaranteed* uptime
- *Guaranteed* air quality
- *Guaranteed* quantity of air
- Stable system pressure
- Eliminate production stoppages and wasted material

## Better asset management

- Monthly payments are an operating expense
- No unexpected costs for repairs or rental equipment
- You can budget compressed air cost accurately and easily
- Free up valuable floor space
- Allows for future system upgrades — without tapping into capital
- Redirect maintenance resources



A 100 hp weatherized simplex system.

***“Kaeser’s Sigma Air Utility solution ensures we always have compressed air with lower total costs while retaining working capital. We use the Sigma Air Utility at several plants, and the end results have always met or exceeded our expectations. We continue to roll this program out to more facilities.”***

*– Senior Global Negotiator, CEMEX*



## Peace of mind

After installation, Kaeser is responsible for keeping the air system running. All services are included in the contract price. We monitor compressors and system components 24/7 through our Sigma Air Manager and respond to any faults or conditions that require attention or service.

All components have back-up. Neither preventive maintenance nor repairs will interrupt your supply of air.

## Superior system solutions

We start with a complete review of your air system and air usage, including a detailed Air Demand Analysis (ADA) to baseline your air and energy consumption and provide insights into your plant operation.

Using the measured data, we run simulations of your specific demand profile with different mixes of equipment to determine the best system possible. Our Kaeser Energy Saving System (KESS) simulations are proven to give accurate predictions of total energy consumption and system dynamics.

We carefully design and build the entire system to ensure highest reliability, stable pressure and maximum energy efficiency. In fact, a recent installation qualified for a \$226,000 utility rebate.

## Low pressure and vacuum systems

Sigma Air Utility is also available for low pressure air and central vacuum. Our proven rotary screw vacuum pumps and Omega rotary lobe blowers are well suited for a range of applications including CNC vacuum hold-down, high-efficiency air knives, pneumatic conveying, and industrial waste water aeration.

## Flexibility

Sigma Air Utility can be installed inside your plant or in weatherproof containers outside, according to your preferences. We can handle all contracting.

Also, our Sigma Air Utility agreements allow you to increase or decrease system capacity as your production requirements change.

***“We are extremely pleased with our Sigma Air Utility. Downtime was a huge issue with our previous system. Sigma Air Utility eliminated the problem, and my maintenance staff love it. They were spending too much time dealing with our air system. Now the system is very reliable and they can focus on production equipment. No more 2 a.m. calls to troubleshoot compressor problems.”***

*– Plant Manager,  
Mahle Engine Components USA*



*A 2,200 hp indoor installation at a large cement plant.*

**KAESER  
COMPRESSORS**®

***Built for a lifetime.***



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