Pneumatics Sustainability Check



Save up to 30% on energy costs

Highlights

- Inspection by qualified experts in pneumatics
- Compliance with environmental standards
- Reduced energy costs and CO_2 emissions
- Increased productivity

Reducing the CO_2 footprint is a key factor that will enable manufacturing companies to remain competitive by ensuring their production processes are sustainable. Production plants with pneumatic applications frequently offer a huge savings potential when it comes to compressed air consumption and the associated energy costs. Our experts in pneumatics will take a close look at all parts of the plant to find out whether your applications are already as energy-efficient as possible or whether they are using too much compressed air.

Detection and prevention
Leakages are the biggest weak spot of all compressed air systems. Every leak is a waste of valuable compressed air. This often results in pressure losses and an unstable system. The energy efficiency of systems can be greatly improved by regular inspection and maintenance.

Sustainable design
Our experienced technicians know exactly how pneumatic applications, such as those using vacuum or blast air, can be designed for maximum efficiency and what products are most suitable. In many cases even minor improvements, such as choosing tubing and fittings that are appropriate for the ambient conditions, can have remarkable results.

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Scope of services*)

1 Leakage detection using an ultrasonic device
2 Detailed inspection of the state of the pneumatic components. This includes checking the environmental compatibility of the installed parts:
- General condition
- Contamination
- Damage
- Sealing
- Environmental compatibility
- Installation situation

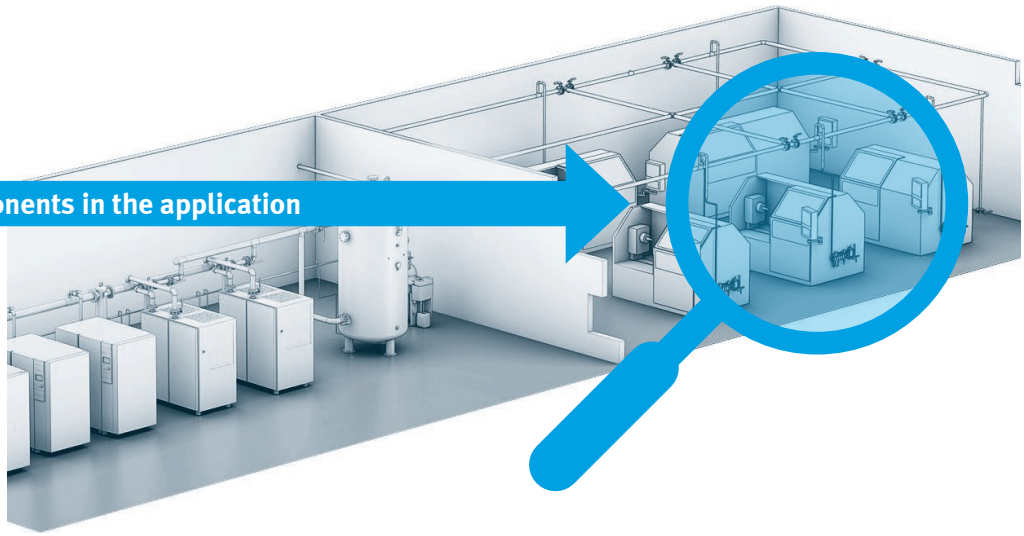
3 Identification of opportunities for improving energy efficiency
4 The results are documented in digital form by the Festo Energy Saving Services app and on the web-based online portal:
- Detected deficiencies and requirements for optimisation
- Costs and CO_2 emissions of the leakages as well as potential savings
- List of spare parts needed to eliminate the deficiencies and leakages
- Estimated repair time

5 You have access to the online portal where you can see the results visually and follow the repairs in real-time.

*) Not included in the scope of services:
spare parts, installation of spare parts, implementation of optimisation measures (you can use the mobile app and the online portal to identify faulty parts and determine any maintenance that is needed so the required repairs can be carried out quickly and efficiently)

Focus on pneumatic components in the application

- Pneumatic drives
- Valves and valve terminals
- Grippers
- Tubing and tubing connectors
- Positioning units
- Vacuum and blast air applications
- Decentralised air preparation



The benefits to you at a glance

Regularly serviced pneumatic plants save energy and money and improve your CO_2 balance:
- Lower energy consumption
- Reduced energy costs
- Smaller CO_2 footprint in production

Inspection and maintenance extend the service life of pneumatic components, ensure consistent production quality and reduce unplanned machine downtime. This increases your productivity!

You can concentrate fully on your core competencies and leave the task of saving energy to our experts.

Short amortisation time

Experience shows that the energy saving service pays for itself within a year. The decisive factor for a fast return on investment is that the measures that have been identified are implemented quickly.

If you cannot carry out the recommended repairs yourself, we offer repair services on request.

Find out more now and have the pneumatic sustainability of your system checked! You will then quickly receive a personalised offer.
→ https://energysavingservices.festo.com/contact

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