

# ENERGY EFFICIENCY IN COMPRESSED AIR SYSTEMS

Helping our customers drive down costs and make sustainable **SAVINGS**

## FESTO

**15 minutes** talking with a Festo expert could **save you thousands!**



### Let us consider the 4th utility in manufacturing, compressed air

The inefficiencies inherent in converting energy using a compressed gas are well documented, yet industry lives with these inefficiencies because of the other advantages that compressed air use brings. It is therefore imperative that additional waste should be avoided.

Inappropriate use, incorrect settings and leaks, all add to the inefficiencies and losses that can accumulate over the life of the system.

#### Why is so much wasted?

Anyone working with compressed air will probably be aware of leaks somewhere in the system.

So, why are they left to continue?

- Are people aware of the true costs of leaks?
- Machine settings are changed from the optimal values.
- Process reliability is seen as more important than energy costs.

- Compressed air waste is invisible (there is not a specific 'bill' for compressed air use).
- Compressed air leaks pose no immediate health and safety threat.
- Lack of understanding on how to address the issue.
- Lack of awareness of the effect on other parts of the system/process e.g. Underperformance of a machine.

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Let's make industry work better

# ERIKS

# ENERGY EFFICIENCY IN COMPRESSED AIR SYSTEMS

Helping our customers drive down costs and make sustainable **SAVINGS**

Call now to arrange your own initial **MANAGERS ENERGY EFFICIENCY CONSULTATION** and take the first step towards **REDUCING YOUR ENERGY COSTS** associated with compressed air systems.

## Using Festo to identify and address the real issues

To ensure that any proposed solution is designed to meet the variety of needs that your company may have, it is important to evaluate in detail the current situation within the organisation.

Many companies try to address the issue of energy saving by just fixing leaks, but this can become a never ending programme or a one off 'tick box exercise'.

Failure to identify the root cause of the problems means that any action will be reactive. In order to deal with the real issues and ensure that any costs savings enjoyed by the company are not only sustainable, but also repeatable, it is necessary to address this topic using both a reactive and proactive approach.

## Arrange your Energy Efficiency Managers Consultation Now!

The aim of the Managers Energy Efficiency Consultation that takes place at your premises is to gain a better understanding of the current situation and establish your actual energy saving needs in relation to air consumption and usage in the production areas.

We split this consultation down into 3 main parts

### Part One Production Environment Tour

A tour of the production environment in order to gain a better understanding of how compressed air is currently being used. We record examples of key areas of improvement, safety, energy concerns, quality, and bad practice, which relate to energy waste in compressed air usage.

### Part Two The Problem Experience

Gain a greater understanding of what could be affecting energy costs in compressed air systems. What is the root cause of many of the problems and what are the symptoms that we can identify in today's production environment.

Once both parties are aware of the actual situation regarding current energy efficiencies on site, then we will be in a better position to discuss what actions need to be taken to make sustainable savings with regard to compressed air usage.

### Part Three The People Experience

Seeing is believing. See how people can move from being the cause to the cure. Witness with this LIVE interactive workshop how simple actions can make a difference and the impact these can have on energy costs.

See how these savings can be made sustainable without the need for expensive initial outlay.

**To arrange your consultation contact your Local ERIKS Fluid Power Application Engineer or contact your Local Service Centre for more information**

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