R.E.P. Air Services Ltd.
Unit 23, Monarch Way
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Phone: (01509) 213452
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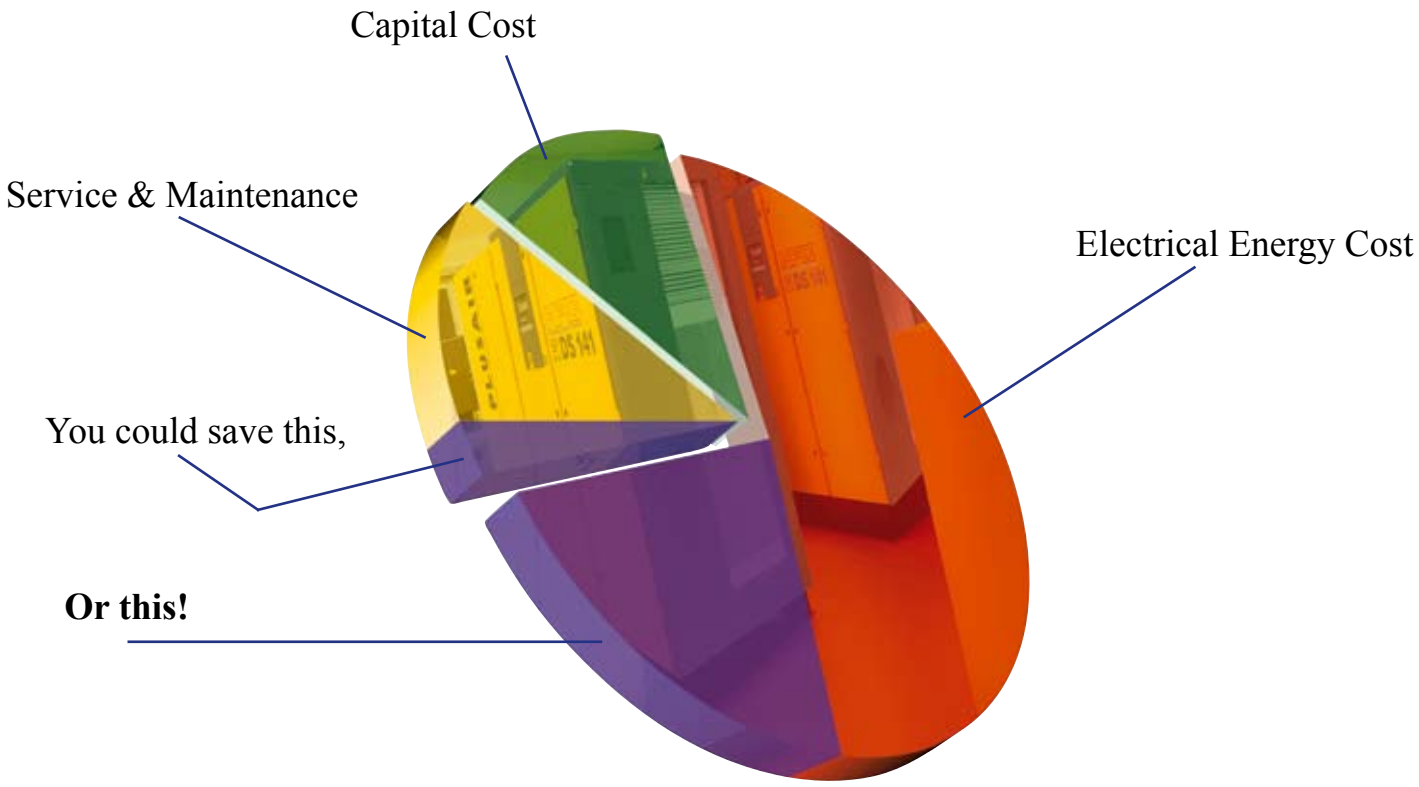
www.rep-air.com

"Compressed Air Technology for a World Under Pressure"

Save thousands on your energy costs

You can cut 10% of your maintenance costs, put your workers and your system at risk, and save £150 per year; or you could let R.E.P. Air Services cut costs on your energy bill, help you gain tax credits from the government, and save £1000's per year!

Cost of compressor ownership



Approximately 80% of the cost of owning and running an air compressor over 5 years is electricity; R.E.P. Air could save you up to 30% on your energy bill, which means that you could be wasting thousands of pounds per year, right now!

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Identifying leaks in your air system can cut costs

There are many reasons to check the loss of air from your compressed air system; cost being the most attractive choice, but it can also be an enviromentally friendly choice.

Few companies analyse the true cost of running their compressed air systems. By looking at their energy costs as unavoidable cost, these managers are loosing out on cost savings that could boost profits and help keep them out of the red. If you are able to cut back on leaks the direct effect is that your compressor will be able to have more idle time, cutting down on the kW you are using.

New compressed air systems usually have 10% or less air leakage; therefore compressors are installed that allow for both the acceptable leakage and the required volume. However, over time air lines, filters, compressors, couplings, dryers, etc. all become worn and leaky. Leaks are much more expensive to a company than maintenance. Leaks not only are costly to the firm, but they also create situations where air powered tools and machines may not run at full efficiency, due to pressure drops.

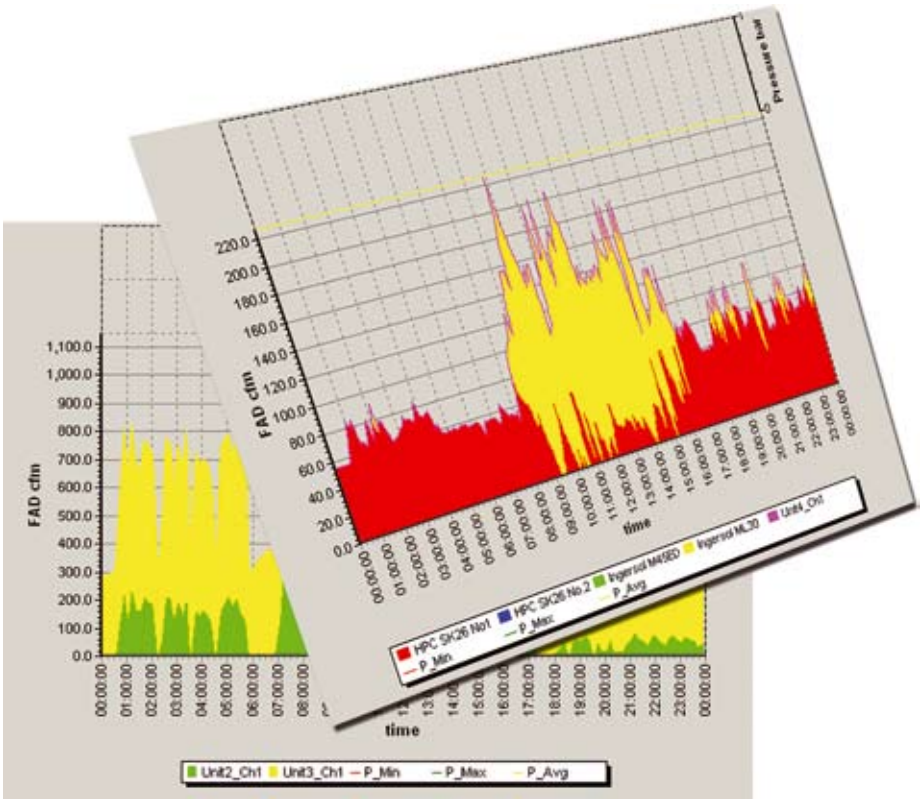
Data Logging

At R.E.P. Air we use the latest in HPC data logging equipment to accurately track and log your compressed air system's performance. We then take the results and analyse them to see how much loss there is in your air system.

The Data logger runs for up to 250 hours logging by the second your system's compressed air output, power consumption and air demand. With this information we create detailed consumption graphs that show workload patterns and trends in your compressor's output.

Through cross analyzing the results we create a full report identifying the loss of power in your system. Because we log the system out of normal hours, we are able to measure total leakage and determine its exact cost to you.

Once we have completed your analysis, we offer the facilities and expertise to act on our findings. We can go onto use our specialized equipment to locate and repair or replace the major leaking parts within your system. After the initial repair we also offer service contracts where we can continually monitor your system and pre-empt any future problems.



Compressor output is logged, then 'in' and 'out' of production times are compaired to ascertain leakage levels.

Success and Savings

R.E.P. Air has assisted many companies in the past to achieve considerable savings on their compressed air systems. In the use of this program we identified that one customer's leaks were approximately 100 cfm. This is equivalent to an 18kW machine on full load. Through this we were able to save the customer £2,000 annually.

There is also the possibility that a system has been installed incorrectly, or that air demand has increased since the air system's installation. In situations like this there are even higher possibilities of savings through the replacement and upgrading of elements within the system.

In today's world where everyone is looking for the competitive edge, it is essential for companies to control their costs; however few look at energy because it is not normally an easily identifiable cost. Many companies mistakenly try to save on service work because the bills are transparent. We have found that the cost of an air demand analysis is always covered by the savings gained. In many cases we can offer this service entirely 'free-of-charge'. Please contact us now to find out how much you are losing.

Alastair Collier