



Summary



Industry:	Food - Dairy
Application:	Engineering Solution
Actual Saving:	£Undisclosed
Payback Period:	12 Months



ERIKS finds valve solution for leading Dairy customer

ERIKS utilised new technology to minimise downtime

ISSUE

In a cold and wet environment electrical valves are not the optimum choice for a trouble free solution, add to this that the required operation is to fill 70,000 units of various sizes for 24 hours a day and that there are 80 of these valves completing this function then you know you are going to have some issues. Also the valves were becoming obsolete meaning an urgent solution was needed.

SOLUTION

The solution was provided through our Eriks Fluid Power Core Competence Centre, they built Electro-Pneumatic Control Panels that moved the valves to a remote location to protect them against the arduous conditions. Utilising new technology that has diagnostic features, enabled a self monitoring function to pinpoint any faulty valves which will ensure minimal downtime when they need fixing.

The old valves were located as part of the filling head assembly so was impossible to check until the unit was stripped down and examined, this could only be done at weekends, with this new design the machine was able to run 24 hours for 6 days a week, this gave more output and decreased downtime.

OTHER BENEFITS

- Fluid Power Engineered Solution
- Obsolescence Avoided
- Self Diagnostic Solution
- Increased Production, Decreased Downtime
- National Solution

FURTHER COMMENTS...

1 x filling head machine = approx £6000 order for control panels.
9 x filling heads on site all need converting. 6 x National sites all with at least 9 filling machines and every site will be upgraded within the next 3 years this will generate over £200,000 sales for ERIKS and demonstrates the Solution Know How we are providing to our customers.

MORE INFORMATION

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