



### Summary



<b>Industry:</b>	Food - Other
<b>Application:</b>	Pumps
<b>Actual Saving:</b>	£Undisclosed
<b>Payback Period:</b>	2 years



## ERIKS Know-How Improves Performance and Efficiency

ERIKS Pump Specialists Provided a Cost-Saving Solution for a Food Manufacturer

### ISSUE

ERIKS Pumps division have recently been asked to look into the replacement of some of the pumps in one of the customer's factories which provided high pressure hot water for washdown applications.

This was part of the ongoing programme with the customer to identify old pump sets which could be replaced and show a cost saving on consumed energy and better performance.

A pump audit was carried out on the system to establish the actual system requirements. Since these pumps had been installed, there have been improvements to the cleaning chemicals which meant that the pressure required could be reduced.

The installed pumps were very old, extremely labour-intensive and noisy. Three of them would run for 4 days a week, consuming 3,510 kW per week. In addition, the pumps could not cope with increases in demand at peak periods.

### SOLUTION

ERIKS Pumps specialists carried out a survey of the current pipework runs in the roof space of the building to also identify potential improvements to the system.

Several hundred meters of redundant pipework were identified which resulted in less pressure being required through the system. ERIKS' recommendations for modifications to the system were accepted by the customer.

A variable speed booster set was specified and supplied as a replacement for the existing pumps. The booster set improved the system significantly - better constant pressure, increased efficiency and reduced power consumption have been achieved.

### OTHER BENEFITS

- Positive Energy Reduction
- Improved Performance
- ERIKS Know-How
- Improved Efficiency

### FURTHER COMMENTS...

### MORE INFORMATION

#### ERIKS Industrial Services

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know-how makes the difference

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