



## Summary



<b>Industry:</b>	Food - Bakery & Cereals
<b>Application:</b>	Pumps
<b>Actual Saving:</b>	£12,313
<b>Payback Period:</b>	Less than 12 Months



## ERIKS solve an obsolescence issue

ERIKS and partner supplier Grundfos provide an energy efficient pump solution

### ISSUE

A large cereal manufacturer contacted ERIKS- the centrifugal pumps they had been using on site needed replacement and were now obsolete. Unusual products can be difficult to repair and replace, especially when they are not supported by suppliers as it was in this case.

This was an opportunity for ERIKS to give the customer the chance to trial a standard stainless steel pump to solve the obsolescence issue. As an additional benefit, this would be done without the need for a water flush to the mechanical seal.

### SOLUTION

ERIKS offered a readily available stainless steel centrifugal pump which can deliver the flow rates required for the application

There was an additional opportunity to provide a proof of concept solution for grease-flushed mechanical seals on a standard pump. This ensured the additional benefits of saving water, increased hygiene and safer working conditions by removing the water flush and creating dryer areas.

The trial was monitored closely and the final product was also tested in lab conditions prior to the live trial.

Grundfos, the pump manufacturer and a partner supplier of ERIKS, delivered free of charge training on the replacement of the mechanical seals to the staff in order to bring outsourced repairs in-house for greater flexibility and reduced stock holding of complete pumps.

Using standard modern pumps solved the obsolescence issue and the improved application helped in meeting sustainability targets.

### OTHER BENEFITS

- Energy Efficiency
- In-house capabilities
- Water Consumption Reduction
- Positive Risk Reduction

### FURTHER COMMENTS...

Results of the trial for a single application:  
£2,280 saved on repairs;  
£2,783 saved on new unit as supplied FOC for trial;  
£4,553(65,700 KW)annual energy saving from using a 7.5KW motor instead of a 15KW one;  
£2,698 annual water saving

### MORE INFORMATION

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