



### Summary

**Industry:** Food & Drink  
**Application:** Metal detector conveyor  
**Actual Saving:** £1800.00  
**Payback Period:**



## ERIKS Saves 200 Man Hours

Fenner Motor Gearbox saves customer time and money

### ISSUE

Edmond Foods are based in Newport Shropshire and produce a range of quiche and frittatas. They recently suffered a breakdown on one of their metal detector conveyors when a motor gearbox failed, causing the line to stop. Edmond Foods checked with the motor gearbox supplier and were quoted a price of £789.59 for a replacement on a 7-10 day lead time. This length of lead time was unacceptable as it would mean Edmond Foods would have to manually pass the product through a metal detector which would take at least 4 times as long to complete the operation not to mention the man hours it would take.

### SOLUTION

Edmond Foods contacted ERIKS UK who sent an engineer to site to inspect the gearbox and to take dimensions. Using the Fenner Drive Design Manual a suitable replacement was found, which was in fact dimensionally directly interchangeable. The Fenner replacement unit was only one RPM faster than the failed unit. The Fenner unit was in stock in kit form, and so was built, shipped and with the customer the next day. In addition to the massively reduced lead time, the Fenner unit saved the customer a significant amount compared to the originally quoted motor gearbox allowing the customer to realize further cost savings.

### OTHER BENEFITS

- The unit was available from stock, allowing for a reduced downtime
- Oil tight gear head enabled the motor removal without spillage
- The Gearbox accepts standard IEC motors without modification

### FURTHER COMMENTS...

ERIKS technical know-how enabled a superior unit to be identified which allowed the customer to realize cost savings through reduced man hours as well as reduced downtime.

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### MORE INFORMATION

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