



## Summary



<b>Industry:</b>	Construction
<b>Application:</b>	Main Drive Motor
<b>Actual Saving:</b>	£N/A
<b>Payback Period:</b>	N/A



## ERIKS give customer unbiased repair or replace option

ERIKS find the best solution for customer by repairing a motor with a non-standard output shaft

### ISSUE

A large producer of building products contacted ERIKS when a main drive motor failed bringing the plant to a standstill.

The 75kW 4 Pole motor operated a large incline conveyor on the plant and with no spare in the plant stores, a solution needed to be found quickly.

### SOLUTION

ERIKS Electro Mechanical Services engineers quickly assessed the application using the ERIKS online Total Cost of Ownership Calculator and found that a modern WEG IE3 alternative motor would provide the customer with a solution that would reduce energy costs and lower carbon emissions. It was soon realised, however, that when the motor was removed it had a non-standard output shaft and modified terminal box, and a modern IE3 alternative could take a number of days or weeks to deliver.

The WEG motor was collected by ERIKS engineers, who are authorised WEG motor repairers, who worked around the clock to rewind and overhaul the unit so it could be re-installed on the plant the following day keeping costly plant downtime to a minimum.

### OTHER BENEFITS

- Reduced downtime
- Motor kept highly energy efficient

### FURTHER COMMENTS...

Although a new motor would deliver the lowest Total Cost of Ownership, ERIKS skilled engineers were able to repair the motor without impeding its energy efficiency by following the AEMT good practice guide for motor repair.

### MORE INFORMATION

#### ERIKS Industrial Services

Amber Way, Halesowen,  
West Midlands B62 8WG

**Tel: 0845 006 6000**

**Web: [www.eriks.co.uk](http://www.eriks.co.uk)**

know-how makes the difference