



### Summary

<b>Industry:</b>	Paper & Board
<b>Application:</b>	Dump Chest Agitator Drive
<b>Actual Saving:</b>	£14,000
<b>Payback Period:</b>	n/a



## ERIKS Tame Trouble with Paper Mill Tandem Drives

Kent based paper mill

### ISSUE

Russell Horrigan (ERIKS Technology Centre - Drives) was called to a paper mill in Kent where there had been a single drive failure on a Pump Chest Agitator (Tandem Drive). Initially the visit in November 2006 was to produce an inspection report and offer a cost for repair and delivery. The customer had previously been quoted £38,721.92 nett each unit. This application was exterior mounted about 70 feet in the air and a very tight fit to the original framework (see top right), so Russell had to be sure about the selection and dimensions.

### SOLUTION

ERIKS offered the customer 2 FENNER Series K Geared Motors at £24,720 for the pair, saving the customer £14,001.92 on the purchase of just one bespoke unit. The FENNER units were ordered in January 2009 after a second failure left just one unit running the Chest. After an unrelated delay on site the units were finally fitted in August 2009 including special output shafts and adapter to mate with existing universal joint flange (which was drawn up to sample from the original failed unit and manufactured in house by the ERIKS team in Dudley). The units have run flawlessly ever since.

### OTHER BENEFITS

### FURTHER COMMENTS...

The feedback from the customer is good. ERIKS have since been sent another two old units from a similar application at the mill site with the purpose of creating one salvageable unit from the pair of failed gearboxes as an application spare.

### MORE INFORMATION

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