



Summary



Industry:	Food and Drink
Application:	Conveyor Drive
Actual Saving:	££160 per unit
Payback Period:	



Compact Drive Solution Rises to the Challenge

Fenner Cyclo provides high efficiency in a very compact passage

ISSUE

A large National Bakery Group in the North East of England has an installed base of obsolete Bauer Gear Motor Units.

The units in question have been obsolete for many years now and the Bakery have been experiencing regular failures. Emergency repairs have frequently been carried out, on average the cost of a repair would be in the region of £750 per unit with a lead time of up to 5 days, depending on what parts needed to be manufactured.

SOLUTION

As part of proactive relationship with the customer, ERIKS requested a site inspection of the application. It became apparent that there was no potential to carry out any on-site machining work, most of the conveyors were above head height and the obvious requirement was for a "drop in" replacement.

ERIKS were able to specify a 0.55kW Fenner Cyclo gear motor unit, which had a smaller foot to shaft height than the existing unit. A suitable mounting plate was also designed, this enabled the new drive assembly to fit exactly in to the existing space envelope.

The two new gear motor units have been installed and are operating successfully in the production facility.

OTHER BENEFITS

- Dry Fit , Grease Filled Gear Head - Use of Food Safe Grease
- Standard IEC Motor - Immediate spares availability
- Unique Cyclo Concept - 500% overload capacity
- Compact Size to Torque Ratio

FURTHER COMMENTS...

The local Service Centre will always now stock a new gear motor and adaptor plate, this provides the bakery with immediate replacement of a failed drive and reduces the downtime caused by the uncertain nature of repairs.

MORE INFORMATION

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