



## Summary



Industry:	Other
Application:	Inverter
Actual Saving:	£1000
Payback Period:	

# Fenner®



## Innovative Solution for Obsolete Belt Drive

Downtime was kept to a minimum due to availability of standard products

### ISSUE

A large engineering company were experiencing a breakdown of a variable speed belt and pulley on a vital piece of their equipment. The spares were no longer available from stock and were on a 12 week lead-time, this was unacceptable, the customer required a solution which was more readily available.

### SOLUTION

The company contacted their local ERIKS Service Centre in Stoke seeking advice on how to arrive at a cost effective solution whilst minimising the downtime. The service centre contacted the Core Competence Centre for Drives and Power Transmission and arranged for the regional specialist to visit site to examine the existing set up and recommend an engineering solution.

A recommendation was put forward to replace the existing motor and variable speed pulley with a new forced cooled motor and standard V belt drive. The motor is controlled via a Fenner QD:E Inverter giving the customer a quick and simple to operate solution whilst achieving the same variable speed range as the previous arrangement.

The customer was extremely pleased with the solution provided, which allowed his machine to be up and running with the minimum of downtime.

### OTHER BENEFITS

- ERIKS technical support is vital in understanding and interpreting the engineering application
- The Fenner QD:E Inverter supplied has 14 standard parameters for ease of use
- Downtime was kept to a minimum due to availability of standard products

### FURTHER COMMENTS...

Furthermore, continuity of supply of spare parts is now more readily available as standard products are used instead of obsolete variable speed belts and pulleys.

### MORE INFORMATION

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