



Summary



Industry:	Other
Application:	Ink Drum Motors
Actual Saving:	£10,670
Payback Period:	Immediate



Quick, simple programming reduces maintenance

Redesigned drive solution reduces downtime

ISSUE

A newspaper printer in the North of England have around 25 0.25kW DC wormgear motor units which drive the ink drums on the printing presses.

Over the years the cost of purchasing new drives has escalated to a current price of £2,580 per new unit. Frequent failures, due to the age of the equipment, were causing continuing problems to the engineering team.

SOLUTION

ERIKS were asked to provide an alternative solution to the existing unit, rather than just sourcing a similar product at a reduced price.

The DC motor was replaced with a standard 0.37kW AC motor, which fit onto the existing gearbox without modifications. Speed control was achieved by using a Fenner QD:Neo inverter suitable for the available single phase supply.

The new drive is programmed with a bluetooth Q:Stick, all parameters and settings are pre-determined meaning no additional adjustments or calibration are required - eliminating human error and the need for bi-monthly calibration to be conducted.

The new drive has been installed and is operating successfully

OTHER BENEFITS

- Reduced lead time
- Reduced spares
- Easy to programme

FURTHER COMMENTS...

The inverter was very easy to programme, which will enable the programme of replacement to be carried out with a minimum of disruption. The units are available within a couple of days rather than the 12 week lead-time we were having to live with.

Neil Kane
Assistant Engineering Manager
Trinity Mirror Print

MORE INFORMATION

ERIKS Industrial Services

Amber Way, Halesowen,
West Midlands B62 8WG

Tel: 0845 006 6000

Web: www.eriks.co.uk