



Summary



Industry:	Metals
Application:	Burner Carriage
Actual Saving:	£6,500 pa
Payback Period:	n/a



Downtime reduced for steel manufacturer

ERIKS Fluid Power, Bearings and Drives expertise combine to solve customer issue

ISSUE

ERIKS were asked by a large metal manufacturer to look at replacing a Burner Carriage unit that was causing issues in 3 specific areas.

- 1.Product Waste and Scrappage costing between £5k and £20K.
- 2.Downtown caused by failure of the unit.
- 3.Cost of repair or replacement of the damaged unit.

The application was using an Origa Rodless cylinder, which due to the environment and high temperatue was failing on average every 4 months.

SOLUTION

ERIKS Fluid Power Core Competence Centre looked at developing a pneumatic solution, however it quickly became apparent that this was not the best option.

Engineers then discussed the problem with the ERIKS Drives and Bearings Core Competence Centres. Following further site visits and discussions with the customer's engineers, ERIKS were able to provide a Gearbox and Chain mechanism that suited the hostile environment better than a Pneumatic option.

OTHER BENEFITS

- Downtime reduced
- Cost reduction on repairs
- Cost reduction on wasted product

FURTHER COMMENTS...

The result is that the new unit will provide a longer life than the 4 months of the Origa units, thereby reducing downtime, waste and replacement product costs.

MORE INFORMATION

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