



Summary



Industry:	Packaging - Other
Application:	Paper bag machine
Actual Saving:	£10,400
Payback Period:	Undisclosed



Fenner Ultra Plus 150 Saves Over £10k

ERIKS improve production levels and reduce mechanical failures on a paper bag machine

ISSUE

A large paper bag manufacture was experiencing numerous mechanical failures on their production line, affecting weekly quotas and delivery schedules. The belt within the paper bag machine was worn out causing significant issues with the gearbox - the unit was not synchronised correctly.

To make matters worse, the glue nozzle (directly above) constantly leaked onto the belt and pulley. Not only would the belt stick to the pulley, but the glue build up meant the belt would not run smoothly. The ERIKS Drives team were asked to examine the application and provide a suitable solution.

SOLUTION

Working with the customer, the Drives team selected a Fenner Ultra Plus 150 belt. This unit is specifically designed for applications where rugged durability is paramount, combining the highest level of performance with the longest service life possible.

To further improve, the Technical Engineers suggested ongoing maintenance. This would involve cleaning the built and pulley to prevent build up of glue. The paper bag machine is now runs far more efficiently, resulting in a cost saving of £10,400.

OTHER BENEFITS

- Greater reliability and working life
- Increased power ratings reduce the number of belts required and grooves on a pulley
- Length stability, minimal stretch and elongation

FURTHER COMMENTS...

The customer is thrilled with the outcome, helping improve efficiency and reliability whilst reducing downtime.

MORE INFORMATION

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