



Summary

Industry:	Packaging - Other
Application:	Wet End Corrugator
Actual Saving:	£520,000
Payback Period:	Per annum



Air Boosters Boost Savings

ISSUE

Our client, a packaging manufacturer, was experiencing on average four machine failures per day with their wet end corrugator. Each time the machine failed they had to scrap the current roll being produced by their machine, each one with a market value of £500 - a daily loss of £2000.

The machine failures were due to the lack of adequate pressure; the machine required 8 bar in order to perform accurately but they could only get up to 6.5 bar. The lower pressures were causing the machine excess stress, leading to inevitable failures, resulting in loss of money and complaints from the machine operators.

SOLUTION

The packaging manufacturer engaged the ERIKS engineering team to utilise their extensive expertise to crack this problem. The ERIKS project team quickly identified that it was possible to set the pressure to a minimum and install an air booster to the wet end corrugator to achieve the required pressure level to operate efficiently.

The overall project time from engaging the ERIKS team took a matter of weeks, with the final installation of the SMC Air Booster being implemented without the operators' knowledge. The packaging manufacturer then monitored the operators' complaints over the following weeks - and the feedback was the machine ran perfectly.

Now the machine is running perfectly the packaging manufacturer is saving a significant amount of money by avoiding the 4 failures per day. With a cost of £500 per failure and a total of 260 failures per working year the annual cost saving was £520,000 - this saving from just one small component, a SMC Air Booster, costing £500.

OTHER BENEFITS

- Annual saving of £520,000
- Reduced machine downtime
- Increased production uptime
- Reduced wear and tear on the wet end corrugator
- Improved running costs

FURTHER COMMENTS...

Overcome daily machine failures and generating a saving of £520,000 a year by installing one simple solution: a SMC Air Booster.

MORE INFORMATION

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