



Summary



Industry:	Food - Snack
Application:	New Extruder Motor
Actual Saving:	£undisclosed
Payback Period:	undisclosed



State-of-the-art technology keeps production running smooth

Providing trouble free, reliable operation

ISSUE

A leading chocolate manufacturer required their main extruder machine to be brought up to date and remove the old DC extrusion motor.

This motor had the potential, if it failed, to cause a vast amount of downtime and loss in revenue and production.

SOLUTION

ERIKS electronics projects and applications team were contacted to specify the upgrade.

Due to the criticality of the application and the space limitations within the machine, it was decided that an asynchronous square frame vector motor would be the best fit for the application. This would achieve the high running and starting torque requirements needed for the application.

The suggested solution was implemented and has provided trouble-free, reliable operation from installation.

OTHER BENEFITS

- Reduced maintenance costs
- State of the art Asynchronous Vector Motor technology
- Near DC motor performance from an AC motor
- Closed loop encoder feedback control

FURTHER COMMENTS...

The maintenance team on site are very pleased with the results and are safe in the knowledge they now have a state-of-the-art reliable solution.

MORE INFORMATION

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