



Summary

Industry:	Food and Drink
Application:	Pump Peas
Actual Saving:	£not applicable
Payback Period:	



ERIKS solution processes peas perfectly

Vortex impeller pump ensures peas are perfectly transported

ISSUE

A leading food manufacturer was looking for an innovative way for transporting peas into their process. This process required large bulk volumes of dried peas to be re-hydrated and transported through the factory during the re-hydration process, whilst causing no damage to the product itself during the journey.

SOLUTION

ERIKS pump technology reviewed the process and application and selected a pump from the Egger range of solids handling pumps.

The pump selected utilised a vortex impeller with a completely open spherical channel. Only 15% of the pumped fluid comes into contact with the impeller. Therefore minimising the risk of damaging the product being handled.

Three pump sets were built in an overhead belt drive arrangement complete with drive motors. The customer specified the belt drive arrangement over inverter drives in this instance.

OTHER BENEFITS

- Gentle pumping of sensitive liquids and crystal structures
- Special volute casing, tuned to the hydraulics
- Freedom from clogging by solids
- High, sustained efficiency
- Large, open spherical channel
- Reduced wear
- Low life cycle costs (LCC)
- Long service life (MTBF)
- Economic storage, thanks to its modular design

FURTHER COMMENTS...

Egger Turo® Vortex Pumps operate around the world; thousands of pumps that have proven themselves with decades of excellent service.

MORE INFORMATION

ERIKS Industrial Services

Amber Way, Halesowen,
West Midlands B62 8WG

Tel: 0845 006 6000

Web: www.eriks.co.uk

