



Summary



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| Industry: | Food and Drink |
| Application: | High Pressure Wash Down |
| Actual Saving: | £5,000 |
| Payback Period: | |



Energy Saving Wash Down Solution from ERIKS

The new pump coupled with a new Hydrovar variable speed drive provide significant savings

ISSUE

An abattoir operated old and inefficient pumps for producing high pressure water for wash down requirements within the factory. The old pumps were costing a considerable amount to maintain each year and the abattoir wanted to explore other options for maintaining the wash down system in a more efficient manner.

SOLUTION

ERIKS Pump Technology reviewed the application and recommended a single pump arrangement from ITT's Vogel pump range, this manufacturer manufactures large capacity high pressure multistage pumps ideal for these applications.

In this instance 40 bar being the requirement for this site. The Vogel pump suggested also offered a greatly reduced energy requirement of 45kW over the existing 110kW required of the existing system, therefore offering an immediate energy saving.

This new pump coupled with a new Hydrovar variable speed drive the enabled further savings to be achieved, providing wash down water to the production plant only when called upon.

OTHER BENEFITS

- HYDROVAR® is available in following versions: motor mounted version up to 22kW, wall mounted versions up to 45kW.
- Pumps from 55kW to 525kW are also covered using the HYDROVAR® SMART system.
- Up to 8 pumps can be linked together without any additional control unit.

FURTHER COMMENTS...

The HYDROVAR® variable speed control when added to existing plant reduces energy consumption substantially and protects the environment with lower CO2 emissions.

HYDROVAR® can be mounted on all standard asynchronous motors.

MORE INFORMATION

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know-how makes the difference

ERIKS