



Summary

Industry:	Quarrying & Mining
Application:	Bevel Helical Retrofit on conveyor drive
Actual Saving:	£732 per annum on energy costs
Payback Period:	

Fenner



Driving Down Energy Costs with Fenner Gearboxes

Fenner Series K gearbox cuts energy consumption on-site

ISSUE

A conveyor driven by an old worm gearbox, belt drive and electric motor was starting to show signs of wear after a number of years in service, and the customer was looking for a modern alternative.

SOLUTION

After an initial inspection of the drive by one of ERIKS In-house Drives Specialists it was proposed that the current worm gearbox which was running at just 82% efficiency should be switched to a Fenner Series K Bevel-Helical Geared motor type. The Fenner Series K geared motor is a highly efficient yet flexible bevel helical drive, providing high load carrying capabilities and increased efficiency over worm units. So much so that the new proposed set up incorporating the Series K would increase the drive efficiency to 95%. Saving the customer over £730 per annum in energy costs.

OTHER BENEFITS

- Saved energy and running costs
- Available ex-stock from ERIKS
- Rugged, reliable drive solutions from the Fenner range

FURTHER COMMENTS...

Stocked in modular form, the Fenner range of gearboxes can be built to your exact drive requirement while maximising availability.

MORE INFORMATION

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know-how makes the difference

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