



## Summary



<b>Industry:</b>	Quarrying & Mining
<b>Application:</b>	Bag Filter Fans
<b>Actual Saving:</b>	£1,000 on drive cost
<b>Payback Period:</b>	2 year

# Fenner®



## Fenner Ultra PLUS 150 Restores Fan Efficiency

The Ultimate Solution for Tough Environments

### ISSUE

A large cement works had a problem with the fans drives on their bag filters. They were old Poly V drives and needed new pulleys and belts.

The belts were wearing at an accelerated rate due to the amount of dust in the atmosphere. And because of this wear the speed loss to the fan was greater than normal which meant the fan was not running as fast or as efficiently as it should have been.

### SOLUTION

The original enquiry was for Poly V pulleys (made to order) and poly V belts to replace the drive that was on the fan. After consultation with the customer the local Drives Technical Specialist informed them about the new Fenner Ultra PLUS 150 wedge belt drives.

Also the drive would become a more standard "off-the-shelf" offer and spares would be more readily available. The on-site engineer was very impressed with the product and the drive selected and ordered the drive to be fit over a weekend shut down.

The aramid fibre cords, double asymmetric weave jackets and chloroprene rubber construction, the UP150 belt product and Fenner Taper Lock pulleys were the perfect answer to the customers problems, giving the customer a highly efficient drive and better performance from the fan unit.

### OTHER BENEFITS

- Reliable length stability - increased efficiency of 95%+
- High power capacity/reduced number of belts - reduced downtime costs
- Robust construction - Stops ingress of dust particles, reduced maintenance costs
- Standard product held at service centres.

### FURTHER COMMENTS...

"The new drive made a dramatic difference, it is now actually turning the fan at full speed".

Chief Engineer

### MORE INFORMATION

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