

Case Study



Company: Dual Seal Glass, Huddersfield, West Yorkshire

Dual Seal Glass is the UK's leading independent processor of High Performance Vision and Insulated Spandrel Glass Panels for the construction industry. Since its foundation in 1985, it has invested significant amounts in infrastructure and equipment.

Project date: January 2015

Project overview:

Installation of an Atlas Copco GA55 VSD FF 55Kw compressor

What was needed:

At the time Dual Seal Glass was running a compressor that was coming towards the end of its life. As a company keen to make the most of its budget while at the same time improving its carbon footprint, Dual Seal was keen to replace the compressor with a new machine that would use less energy.

What we did:

PPS data logged the old HPC CSD 82T compressor and estimated the potential savings that could be gained from moving to a new, more energy-efficient machine, which were significant.

We then installed an Atlas Copco GA55 VSD FF 55Kw compressor – a variable speed machine with integral drier.

Once the new machine was installed, the projected savings were found to be a conservative estimate. As the old machine still works, it was kept as a back up.

For complete peace of mind, Dual Seal also signed up to the seven-year Comfort warranty offered by PPS.

Why PPS?:

A passing visit from Capital Sales Manager Carl Joynes, who had supplied Dual Seal Glass in the past, led to a renewed relationship.

The company had already called in some quotes but decided to go with PPS both for the energy savings and also because it wanted a comprehensive 24/7, 365 days a year service contract.

Key benefits:

With £12,773 annual savings predicted, switching to the new machine was a no brainer. The new Atlas Copco VSD compressor is quieter and emits less heat than the old compressor.

As well as the energy savings provided by the variable speed drive – which means that the compressor only uses energy when it is needed – it is also more efficient; so without changing the motor size it offers more air for the money.

Another happy customer:

“We had a very good experience working with PPS. There were no problems during the process, from getting the quote through to the installation. We would certainly work with them again and have taken on a servicing contract.

“A professional company from start to finish – I would definitely recommend them to others.”

Lee Brown, Engineering Manager, Dual Seal Glass