

# CASE STUDY



## TEAM Precision Pipe Assemblies

### THE CLIENT

TEAM precision Pipe Assemblies specialise in tube manipulation and advanced pipe assemblies. They are a leading supplier of air conditioning tubes and hose assemblies for the automotive refrigeration industry.

TEAM, supply to tier 1 automotive suppliers in both European and Japanese car markets.

### THE CHALLENGE

TEAM is committed to reducing its CO<sub>2</sub> emissions from the use of electricity and is continually looking to find new ways to use energy more efficiently.

The largest energy consumption areas on the site were switch start fluorescent tubes, production machinery (benders, saws, lathes, mills etc) compressors and small power devices.

### THE SOLUTION

The Powerstar team impressed TEAM precision pipes with their technical and engineering expertise and a minimum fuss approach. And after a site survey a 300kVA Powerstar voltage optimisation system was installed at the site.

### CUSTOMER COMMENTS

*"Initial indications have shown that the incoming electricity voltage has dropped from an average of 242v to 224v via usage of the Powerstar system.*

*Based on the results so far the 8% drop in voltage consumption is on target to realise the payback savings used in the original project justification"*

**Wayne Thomas, Managing Director**  
**TEAM Precision Pipe Assemblies**

### KEY FIGURES

- Annual consumption savings: **8%**
- Annual financial savings: **£5,788**
- Annual CO<sub>2</sub> emission cuts : **38 tonnes**

