



ENERGY-EFFICIENT WORKING: Rob Tunnicliffe is CNC milling team leader at Claro Precision Engineers, where energy use has been cut.

# Claro takes action to cut carbon level

Lizzie Murphy

ENGINEERING firm Claro Precision Engineering has bought a new compressed air system to cut its carbon footprint.

The Knaresborough-based firm, which manufactures components for a range of industries including medical, aerospace, microwave and telecommunications, said the energy savings would contribute to its competitiveness in the international market while making a positive contribution to the environment.

The air compressor, which is the latest addition to the firm's portfolio of specialist equipment, will circulate air around Claro's manufacturing facility

more efficiently and eliminate large amounts of energy wastage.

The company, which employs 53 people and has a turnover of £4m, said that energy savings in the first year of operation would be

85,000kWh of electricity, which equates to 46,000kg of CO<sub>2</sub>.

The machinery cost almost £12,000 and is expected to save the company £4,000 a year in energy bills.

In addition, the heat generated by the compressor has

been ducted to the heating of the factory, providing extra energy efficiencies.

Martin Doxey, managing director at Claro, said: "A key part of Claro Precision's mission is to minimise our impact on the environment.

"After examining our manufacturing processes and procedures last year, we concluded we could save money and substantially reduce our carbon footprint by installing a state-of-the-art compressed air facility."

The new system was bought with the support of a grant from the Manufacturing Advisory Service, together with an interest-free loan from the Carbon Trust.

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## LEADING LIGHT IN SPECIALIST FIELD

Established in 1978, Claro Precision Engineering is one of the UK's leading manufacturers of specialist metal and plastic components.

The company, based in Knaresborough, North Yorkshire, manufactures machine components, kits

and assemblies for the medical, aerospace, telecommunications, automotive and microwave sectors.

In 2004, the firm was bought in a buy-in/management buyout led by Martin Doxey, who became managing director.