

# UK DIES REDUCES ITS ENERGY COSTS BY 18% THROUGH BETTER ENERGY MANAGEMENT



# £18,000

reduced energy costs

# 76

tonnes of CO<sub>2</sub>e saved per year

If you have a project you would like to discuss, please call us on (0121) 204 3480

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## Background

UK Dies Ltd specialises in the manufacture of an extensive range of tooling for the world's hot & cold forming industries. As an energy intensive business, they were becoming increasingly concerned about high energy bills and a compressed air system which occasionally failed to provide enough pressure to enable machines to operate which led to operation down time.

## The Project

Low Carbon SMEs carried out a detailed analysis of energy consumption data and identified key areas of energy efficiency improvements. Following a review of their compressed air system, UK Dies redesigned the compressed air line and received a grant of £7,500 towards the purchase of a variable speed drive compressor, replacing two inefficient fixed speed compressors. This eliminated air leaks, reduced running costs and achieved zero downtime.

Additionally, UK Dies invested in LED lighting, improved their energy management, and raised awareness within the workforce about good energy housekeeping. Through these interventions, UK Dies reduced their carbon footprint by 23% and achieved energy cost reductions of 18% equivalent to £18,000 per annum

“ The support offered by the Low Carbon SME was of real value. It opened our eyes to how wasteful we were in our energy use. With the help of the Low Carbon SME programme we have done a lot and made significant energy savings ”

*Nikki Yates*  
*Finance Manager*

