

# CASE STUDY:

## GEOFFREY ROBINSON

Ductwork Design and Manufacture Capacity



**GEOFFREY  
ROBINSON**  
SINCE 1971



### HVAC and DUCTWORK Design and Manufacture

#### Complex HVAC and Ductwork Designed and Manufactured to exacting standards

Geoffrey Robinson Limited are one of the leading building services contractors in the North of England, and our leading philosophy is to ensure that all we deliver to our clients is of the highest quality, compliant to scope and is delivered to meet the customers' expectations and cost.

We know our ductwork managers have exceptional skills, knowledge and experience, and to provide further customer assurance in this service provision, we continue to re-invest in our infrastructure and people, to allow us to self-deliver complex ductwork projects within larger integrated projects.

Within our new ductwork manufacturing building we have the following:



#### A Firmac Automatic Duct Former

This machine allows sheet metal to be rolled over formers, creasing the steel to stiffen the profile, before forming the 90-degree corners of the ductwork, ready for seaming.

Various profiles can be manufactured and the thickness of the sheet steel can vary from 0.6 to 1.2 mm.

We have a 3-coil feed in set up and, if desirable, are able to produce any size duct section in less than a minute.

#### FOR FURTHER INFORMATION CONTACT:

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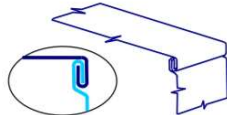
### Firmac Nu-Loc Duct Seamer

This machine is used as the follow-on process from folding the sheet metal into its sectional shape, and completing a closed seam in straight ducting, meet the requirements of low, medium and high- pressure application.

*All ductwork we produce is double sealed.*

i.e. sealed inside the joint lock, and also on the inside of the ductwork.

Profile of seam →



### Esprit Arrow CNC Plasma Cutter

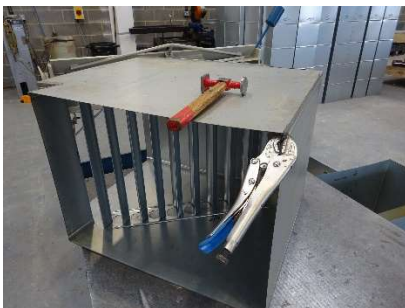
This plasma cutter allows data files to be uploaded to the touch screen controller and quickly and accurately cut accurate and complex profiles of maximise the usage of the sheet steel within close tolerances.

Control Panel



### Skill of Hand and Experience

And, whilst all this automation is good for larger production requirements, we still continue to have the skill of hand and a multitude of additional traditional sheet metal work equipment to design, manufacture and produce the most complex ductwork profiles.



Our HVAC and ductwork management team all have over 30 years skills, knowledge and experience, to assist with your ductwork requirement, and would welcome your enquiry.

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