

# Our team

## Phil Carr

Phil has over 30 years of experience in and around welding; conventional welding, systems building and now laser application dedicated job shop. He has been the Director of Carrs Welding for over 17 years. He has got a BSc Electrical and Electronic Engineering, Power Electronics, from the University of Newcastle.

## Alistair Houghton

Alistair is the General Manager of Carrs Welding. He has more than 25 years of welding experience and was the first Laser welder employed by Carrs. He was appointed General Manager in 2016 after working his way up from providing the first commercially Laser welding service in the UK.

## John Silva

Innovative qualified Master Mechanical Engineer from the University of Lisbon. John is highly experienced in Quality Management and Quality Assurance and was the Technical/Quality Manager at Carrs Welding for 7 years. Recently, John was promoted to Technical Director due to his vast business and welding knowledge.

### ***Main contact in the project:***

Phil Carr

**Carrs Welding**

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**UltraMAT – Power ultrasound as a generic tool for micro/nanoscale processing of metals**

[www.ultrammat.co.uk](http://www.ultrammat.co.uk)



<https://www.carrswelding.co.uk/>

Innovate UK

UltraMAT is an Innovate UK Project Ref. 102802

# Who we are

Carrs Welding Technologies Ltd (CWT) was started by Phil Carr in the early 90's carrying out Selective Electro Plating of injection mould tooling. Through continuous investment in new technology, CWT has grown into one of the market leaders in 'Precision Laser Welding'. From the early days of just serving the tooling industry, the company has now grown and reaches a customer base of more than 350, ranging from one-man engineering companies to international aerospace manufacturers while still supporting the tooling industry.

Currently, CWT has 11 Laser Welding systems available for all types of work from R&D to medium batch production. Combined with an open honest approach and wide skill base, covering all aspects of Laser Welding, Carrs provides the ideal partner for future projects or current applications.

Providing continuous investment in staff and equipment over the last 26 years has enabled CWT to provide tailored welding solutions for each enquiry whilst also performing a 'While U Wait' tooling repair services alongside the everyday demands of ongoing production orders.

CWT achieved the ISO 9001 quality standard in 2001 and is now accredited to the latest version ISO 9001:2015 (since January in 2018) allowing us to continue to serve all our customers to the level they have come to expect from us long into the future.

CWT benefits from an ideal location off the A14 on the border of East Anglia and the Midlands. Situated an hour from the nearest International Airport and easily accessible by road. With our wide range of equipment and a highly skilled but flexible workforce, we pride ourselves on the ability to turn work around exceedingly quickly.

In today's market we are conscious of the need for keen prices. Carrs' laser welding technology enables material and process savings not possible with conventional welding. Waste is minimal, and our lean and efficient operation also contributes to keeping process costs down. We trust you will find our rates better than fair.

# Our Products and services

Carrs specialise in laser welding and are considered to be the UK market leaders in this field. We now have a total of eleven laser welding systems available to serve you, principally from the world's outstanding manufacturers Alpha, Trumpf and RoFin:

- 1 RoFin system
- 5 Trumpf lasers
- 5 Alpha laser welders
- amongst other services

