



CARR'S UPDATE

Laser No.4.

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Carr's have recently bought their fourth laser welding machine; another 100 watt Nd-Yag laser. The machine will increase the capacity of the shop by 33% and will go a long way to reducing the lead times from when the job is received, to when it is despatched.

Phil Carr said "The policy for the new year is to reduce the lead times for jobs, so that small jobs can be guaranteed to be despatched the same day. It is only the larger 6 plus impression tools, that will take a few days.



The new laser machine with David Lowe, one of Carr's skilled welders.

Toolroom services at Carr's:

- Laser welding all metals.
- Cold pulse welding to steel.
- Brush-on metals to steel, copper and aluminium.
- Cold pulse welding to Aluminium.
- Ali-weld brazing to aluminium.
- Welding on site.
- Polishing and texturing.

Weld only jobs must be done either on our while-u-wait service or go on the courier the same day."

WE ARE NOW A QUALITY ASSURED COMPANY

Since our audit in March we are now a registered ISO 9001/2000 company. This will mean we will be able to ensure customer satisfaction by increasing the quality of the service. From now on any quality problem will be recorded and any trends monitored so that improvements can be implemented at all stages of the process. All Carr's suppliers of materials and tool-room services will have to be approved and monitored for their quality. This will help to guarantee the quality of our work.



Carr's ISO9001 certificate

Carr's Welding Technologies Ltd

Unit 2, Henson Park
Telford Way Ind. Estate
Kettering
NN16 8PX

Phone: 01536 412828

Fax: 01536 310262

Email: Phil.Carr@carrswelding.co.uk

Web site on www.carrswelding.co.uk

Now includes this newsletter and the last few newsletters.

Send mail and photos
to: "phil.
carr@carrswelding.co.uk"

MEDICAL PRODUCTION WORK

Many stainless steel or titanium instruments can be manufactured with laser welders. Currently Carr's have small batches of various instruments to weld where very small sections are involved. As little as 0.1mm thick stainless steel can be welded to thicker sections and, as all welding is carried out under high magnification every component can be inspected.

Usually Carr's will make a purpose built jig to hold the component in place for welding.

The cost of the jig can be charged for initially or added to the price per piece.



Purpose built jig for laser welded parts

Welding and fabrication at Carrs.

Carr's second factory has been set up with conventional welding equipment. This enables us to design and manufacture small fabrications and welding systems.

Run as a separate company, Carr's Welding Techniks do all our conventional welding services from Tig and Plasma to Mig and internal bore welding for our customers in Scotland.

Photographed is Glen welding a turning over jig for welding racking bar.



Mig welding at Carr's new factory in Kettering.

Internet Enquiries

Since going on line in 1998 we have had an increasing number of enquiries from the website. We ensure that we update the page regularly and make it straightforward to use. It is possible to download the specific literature you require and send enquiries on email. We have had a lot of interest from companies in Europe who have found us using this facility.

To access our website our address is:
www.carrswelding.co.uk

Computerised job control

We have recently installed a new computer system which was specifically written to our own design. This enables us to enter each new job onto the system and follow it through from the quotation stage to when it is delivered. This allows us to have an infallible system for recording all jobs entering the shop and all records can be accessed at any time.

The installing of this system this year has led to our reaching the standards necessary to fulfil the strict conditions of the ISO 9001 standard.