



NSI Group Newsletter

Fabrication | Flatbed Laser | 5-Axis Laser | Tube Laser | Machining

Do you need a fast and competitive quotation? Contact the NSI sales team on:

Telephone: (024)76 375656

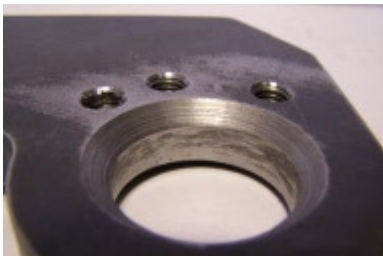
Fax: (024)76 641191

Email: sales@nsigroup.co.uk

For further information visit our website at www.nsigroup.co.uk



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Pass it on

'NEW MACHINING CENTRES INSTALLED'

One of the most challenging jobs in laser profiling is cutting small holes and slots into plate which is thicker than the overall diameter of the hole/slot (e.g. 6mm diameter holes in 12mm plate.) With the two new machining centres which have recently been installed at NSI Group, it is now possible for us to supply these parts complete including any small holes and slots.

The three photo's to the left show an example of a 12mm thick mild steel laser cut profile. Using one of the new machining centres, the profile has been drilled & tapped with three M6 diameter holes. One 6mm diameter hole has been drilled into the profile and finally a 24mm O/D H6 hole has been interpolated and counter sunk into the profile.

This part is now complete and is ready to go straight to the production line.

Additional Machining Operations include:-

Drilling

Tapping

Countersinking

Counter Boring

Bevelling

Spot Facing

Machining Steps

A **Lathe** has been installed to assist **NSI Group** with producing **Pins** for **Jigs, Fixtures** and **other assembly work**.

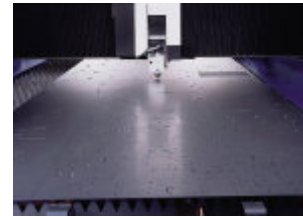
Please feel free to pass on this newsletter

Please contact the Sales team today with your requirements for **Laser Cutting (Flatbed, 5-Axis, Tube) Fabrication and Machining Requirements**, we will be happy to provide you with a **Competitive Quotation**.

The NSI Group are pleased to offer the following services:

Flatbed Laser Cutting (6 Machines)

- Laser cutting of parts up to 6x2 mtr (2 Machines)
- Twinhead laser cutting for high volume parts (2 Machines)
- 5kw cutting for heavy plate (up to 20mm in mild steel)



5-Axis Laser Cutting (4 Machines)

- On & Off line programming
- Twin cabinet for high volume parts
- Laser Welding Capacity



Tube Laser Cutting (1 Machine)

- Round Tube (20mm up to 150mm Diameter)
- Square Tube (20mm up to 120mm Square)
- Rectangular Tubes
- Oval Tubes
- Non-standard tubular profiles



Fabrication Services

- CNC Brakepress (5 Machines)
- Welding (MIG / TIG / Spot / Arc)
- Rolling
- General Assembly Work
- Prototype Work



Machining Services (2 Vertical Machining Centres)

- Machining Services Include;
- Drilling
- Tapping

Countersinking
Counter Boring
Bevelling
Spot Facing
Machining Steps



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www.nsigroup.co.uk

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