# MS Laser Services – CNC Engraving Capabilities

*Add-on Services for Signage, Plaques & Panels*

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## 🔍 What We Offer

CNC engraving provides **permanent, high-precision detailing** on sheet metal including brass, copper, aluminium, and zinc. It's ideal for:

- Logos & branding plaques
- Architectural signage
- Nameplates & serial plates
- Product marking

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## 🛠 How CNC Engraving Works

We use a router or drag bit to engrave the surface along **computer-controlled paths** that follow your vector design. This allows sharp, repeatable results across a wide range of materials and finishes.

✔ Suitable for flat sheets and thin-gauge metal (1.5mm – 3.0mm)

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## 📄 File Format Guide

For best results, submit **vector-based files**:

- DXF or DWG (AutoCAD-compatible)
- AI or SVG (on request)

Avoid low-resolution images or screenshots — we can help convert where needed.

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## 🎯 Design Tips

- **Minimum text size**: 10–12pt for clarity
- **Avoid very thin lines**
- **Spacing**: allow ~1.0mm between paths to suit the tool diameter

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## 🎨 Finishing Options

We offer a range of finishing styles to enhance your engraved work:

- **Paint-fill** (black, white, or custom)
- **Patina-fill** for antique/aged looks
- **Natural, satin, or polished finishes**
- **Clear lacquer** coating optional

Available on both new sheet and customer-supplied metal

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## 💷 Pricing & Quotes

Engraving starts from **£30.00 + material** for small layouts. Prices depend on:

- Overall size and design complexity
- Whether you require infill, patina, or lacquer

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## 📸 Project Examples

**Engraved Brass Plaque – Aged Patina Fill**
*Design: "North Shields 800" – Heritage branding for civic project*

*(Insert photo of engraved brass plaque)*

**In-house CNC Engraving on Brass**
*Used for logos, directory signage, and architectural plates*

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## ❓ Frequently Asked Questions

**Q: What files do you need?**
A: DXF or DWG vector files. We can help convert from images if needed.

**Q: Can you engrave polished or aged metal?**
A: Yes — we work with mirror, brushed, satin, or aged finishes.

**Q: What's the smallest readable text?**
A: We recommend 10pt minimum, depending on material and tool width.

**Q: Can I supply my own material?**
A: Yes — we can engrave customer-supplied copper, brass, or aluminium (subject to inspection).

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## 📩 Need a Quote or Example?

Let us know your design idea, and we'll help you make it production-ready.

➡️ **Contact us**: mslaserservices.co.uk/contact-us
➡️ **Explore Laser Cut Signs**: mslaserservices.co.uk/laser-cut-signs/

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