

Engineered with style and craftsmanship

We work with you to support the design, development and effective manufacture of your products, from simple profiles to complex solutions.

Production Capabilities

CNC Waterjet profilers, lathes and machining centres are at the centre of our business, we provide a complete precision engineering platform for prototype or small run jobs right through to repeat mass production runs.

Waterjet Profiling

Why Waterjet?

- ✓ Economical
- ✓ Precise < 0.3mm Cutting Path
- ✓ Cut Almost Any Material
- ✓ No Heat Affected Zones
- ✓ Clean
- ✓ Accurate to +/-0.1mm
- ✓ No Burrs
- ✓ No Distortion

Fabrum Solutions operate 2 x CNC waterjet cutting machines

Techni Jet 6000

5 Axis
Up to 100,000psi cutting pressure
6 x 2m cutting bed
60° cut angle from perpendicular



Techni Jet 3000

3 Axis
3 x 1.5m cutting bed
CNC Precision



Waterjet is ideal for cutting and profiling:

- | | | | | |
|-----------------|----------|--------------|-----------------|------------|
| Stainless Steel | Titanium | Aluminium | G10 Glass fibre | Ceramic |
| Rubber | Foam | Vinyl / Lino | Tiles | Copper |
| Tool Steel | Kevlar | Brass | Granite | Marble |
| PVC | Acrylic | Carbon | Mild Steel | Fibreglass |
| Cast Iron | Gold | Silver | Perspex | Schist |
| Wood | Cork | MDF | Plywood | Rubber |



CNC Lathes and Machining Centres

Fabrum Solutions operate 3 x CNC Lathes and 4 x CNC Machining Centres.

Lathes	Machining Centres
Doosan Puma 280LM Max turning diameter 410mm 1030mm between centres 12" chuck Live tooling	Daewoo Mynx 500 Machine envelope 1020x510x625mm 4 th axis permanently mounted, max work piece 360mm diameter 950mm long
Harrison Alpha 550 (x 2 machines) Max turning diameter 830mm Max turning diameter over saddle 370mm 2000mm between centres	Doosan DNM650 Machine envelope 1270x670x625mm 4 th axis permanently mounted, max work Piece 360mm diameter, 1180mm long
	Doosan DNM400 Machine envelope 762x435x510mm
	Doosan DNM750 Machine envelope 1630x762x650mm

We also operate 3 x DRO manual lathes and 2 x Bridgeport style manual mills



Stock

We carry a wide range of stock materials including:

Titanium (DI), G10 Composite (DI), OF Copper (DI), Stainless Steel, Aluminium, Rubber, Foam, Gasket materials and other specialist metals

(DI) denotes materials that we direct import



Please contact our friendly staff for an obligation free quote