

...precision engineered fabrications & assembly

Hepworth Automotive offers a total service in custom-made fabrications in a wide range of metals and forms.

Hepworth's Automotive division manufactures everything from heavy duty brackets and space frames, to precision engineered aftermarket automotive accessories and prototypes including grilles, hinges, etc.

The company has worked with and continues to supply many of the market leaders in the automotive industry, as well as a number of confidential vehicle manufacturers supplying the Defence sector and Specialised Vehicles.

The company possesses a comprehensive variety of in-house skills and services, enabling us to achieve seemingly impossible client deadlines but still at competitive prices. See overleaf for information on our wide range of fabrications services.

Client portals

The company schedules production and delivery requirements via client portals to meet specified capacity plans, giving flexibility when responding to emergency supply issues.

Specialist areas

Fully trained in 3D SolidWorks, 2D AutoCAD, design analysis and specialist design simulation packages, we work closely with clients, suggesting ideas to reduce costs by simplifying manufacturing process.

Product Assembly

Capabilities range from the simple assembly through to fully wired and tested electrical components.

Production Facilities and Accreditations

CNC production facilities are linked to CAD/CAM packages, supported by highly skilled metal finishing operatives and welders, certificated to EN15085. All job progress is monitored by computerised SAP Production Control Systems. The highest quality standards are maintained throughout every aspect of operation and are certified to ISO 9001:2000.

*Whatever your project, give
Hepworth Automotive a call
and let us make your
life easier!*



HEPWORTH
AUTOMOTIVE

COMPONENTS FOR
PROTOTYPES AND
THE AFTERMARKET



www.b-hepworth.com



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capabilities...

Our wide range of fabrication services offered includes:

- **Metalwork Fabrication & Machining**
Total factory area 92,000 sq.ft. (8500 sq.m) over 3 adjacent sites.
- **Precision Engineering**
Using SolidWorks 3D CAD and 2D AutoCAD system
- **Laser Cutting:**
2 lasers – Trumpf 3030, Trumpf 5040 up to 6Kw power
Maximum Sheet Size: 4000mm X 2000mm
Maximum Sheet Thickness: Aluminium - 20mm, Stainless Steel - 30mm
Mild Steel - 25mm, Brass - 20mm
Minimum hole diameter: 2mm in any thickness.
Rotary unit for square, round and rectangular tube
- **CNC Machining**
- **Milling and Turning**
Capacity up to 80mm diameter bar
DMG NLX 2500 CNC
DMG 320 CNC
DMC 63V Vertical Machine centre
DMC 1035 Vertical machine centre
SMX 5000 Vertical Miller
6 Autos
- **Punching:**
Maximum size capability - 3000mm x 1250mm
Maximum punched material thickness - 6mm aluminium
- **Folding:**
3 machines - 1 x Trumpf, 2 x Amada
130 tonne operating capacity, 3000mm bed length
- **Welding:**
MIG, TIG, Stainless, Mild, Aluminium, Tungsten
All welders coded to EN15085, other codings dependant on job requirements/ specifications
- **Powder Coating:**
On-site fully automated Powder Coating Plant
Variety of colours available in a range of powders from harsh marine environment to food standard
- **Metal Polishing:**
Caters for all ferrous and non-ferrous metals, producing finishes to an extremely high standard

