



KPK SHEET METAL
BROCHURE
& CAPABILITIES

TRUMPF



About Us

KPK Sheet Metal was established in **1965** and is a high-quality manufacturer of **general and precision sheet metal components, fabrications, and enclosures.**

Based in Middlesex with the excellent transport links of the M25, M4 and M3 the company has achieved growth by continuous investment in equipment and staff. KPK Sheet Metal is an **ISO9001:2015** registered company and an approved supplier to customers operating in the defence, aerospace, rail, fire, security and telecommunications industry.



Our Work

KPK manufactures **precision sheet metal components and complex fabrications** from customer-supplied drawings.

We work primarily in aluminium, mild steel, and stainless steel at thicknesses from **0.5mm to 5mm**, producing everything from small brackets and connector plates to large multi-panel enclosures and equipment housings.

Our customers include defense, aerospace, overland and underground rail, process machinery and telecomms. We handle small to medium batch sizes, useful for prototyping and larger production runs.

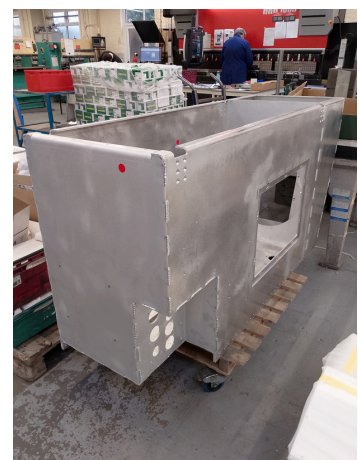
Where a project requires more than fabrication, we coordinate CNC machining, surface finishing, engraving, and small-scale mechanical assembly through our **network of approved suppliers**.



Welded aluminium housing



Angled Mounting Bracket



Large Fabricated Enclosure

Our Equipment

Our Sunbury site includes the following equipment available for immediate production.

 CNC Punching Trumpf 200R	 Laser Trumpf 1030 Fiber	 Stud Welding 10mm Max
 Fastener Haeger auto feed fastener press	 Guillotines 1 x 2.5m x 4.0mm steel	 Rolling 1 x 50mm Dia x 900mm 1 x 100mm Dia x 2000mm
 Inspection 6' x 3' Inspection Table Digital Co-ordinate table with magnifying optics	 Brake Presses 1 x Amada 3.0m 1 x Promecam 2.5m 1 x Promecam 2.m 4 x Promecam 1.2m	

The biggest fabrication we can handle is 1 ½ x 3m sheet, components up to 3m.

Our Equipment



Welding

- 2 x TIG Miller Inverter 375 amps
- 1 x TIG Miller Inverter 160 amps
- 1 x KEMPI Ali MIG welder 500 amps
- 2 x MIG 200 amps
- 1 x Oxy / Acetylene



Fettling

- GrindingMaster finishing sander
- Surtech 4 foot finishing sander
- Barrel deburr / polisher
- Various finishers, grinders, grainers & sanders



Machine Shop

- Bridgeport vertical mill with slotting head
- Colchester Student Lathe
- Horizontal Mill



Spot Welding

- 2 x 25kVA Air Operated
- 1 x Sciaky Projection Welder
- 1 x Hirst Bench Welder
- 1 x Sciaky 15

We also offer the following services:

- CAD / CAM drawing & programming
- Plating
- Heat Treatment
- Engraving
- Painting and Silk Screening

Andrew Hayward

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Quality Assurance

We are members of SC21 Supply chain of the 21st century and ISO 9001 Quality Management System. We have Cyber Essentials approval.



Quick Turnaround

Not only do we have a high right first time score but we turn orders around fast. Some orders can even be delivered on the same day!



Small or Large Batch

You can get your order provided in small or large batches. We regularly provide orders in batches as low as 5's, 10's and 20's.



Certified

As well as being a company in trust with over 60 years experience we are ISO 9001:2015 and SC21 certified,

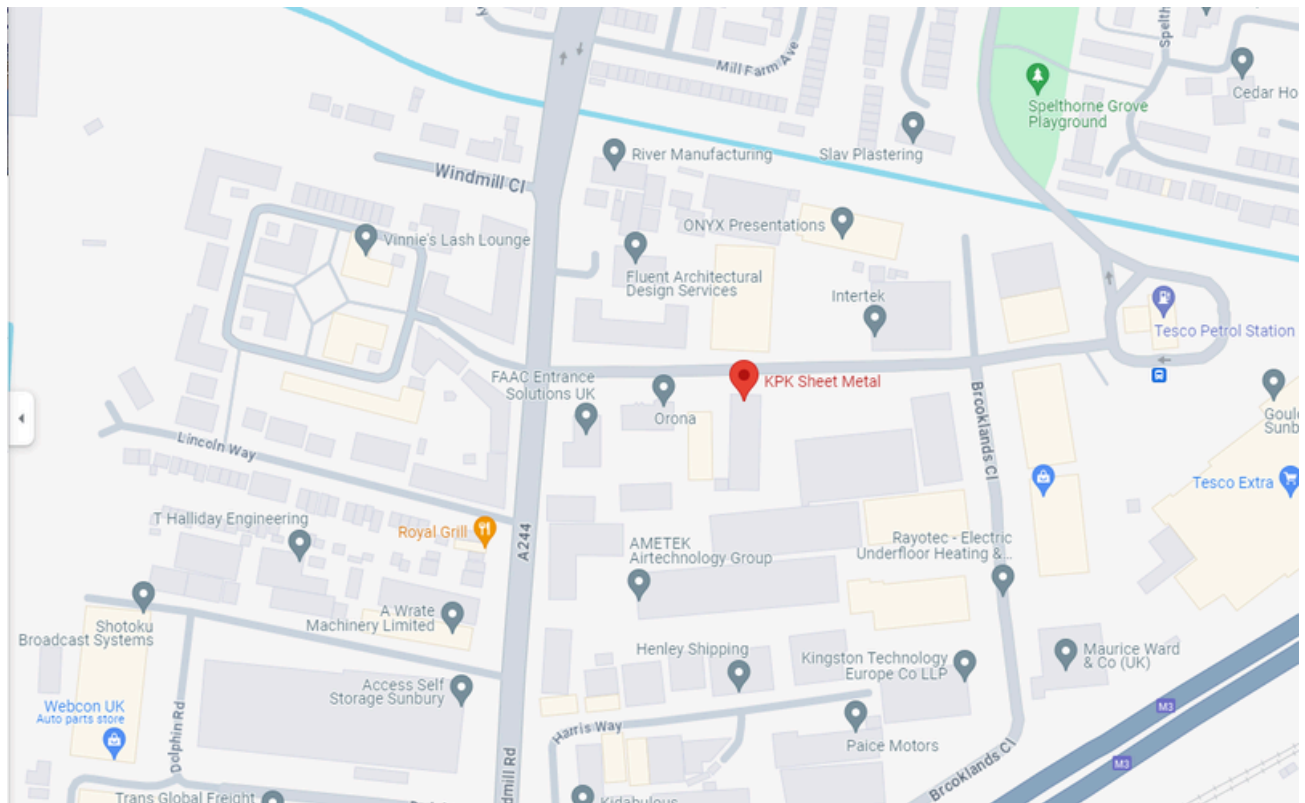


Sustainable


KPK Sheet metal can ensure you that all our waste is recycled and that we can provide full material traceability.


Contact Us

Get in touch via email or phone



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