

PRECISION SHEET METAL CAPACITY LIST

Our state-of-the-art facilities in the UK and Slovakia are optimised for flexible manufacture, small batches to large scale product transfers.

Technological investment remains a focus of our business strategies. Over the last 5 years, KMF have invested over £9 million pounds into new machinery and technological advancements.

To find out more about our precision sheet metal technology and the fabrication services we offer:

 01782 596060

 www.kmf.co.uk

 info@kmf.co.uk

CNC PUNCHING AND LASER CUTTING

7 CNC Punch / Laser Machines, with full automation and tower storage.

- 2 x Trumpf TruLaser Fibre Machines (3030 L95)
- 2 x Trumpf Punch / Laser Combination Machines (TruMatic 6000 / TruMatic 7000)
- 3 x Trumpf TruPunch 5000 Machines (Medium / Large Format)

Maximum Working Range: 3000mm x 1500mm



CNC MILLING

- 1 x Mazak Variaxis i-500 (Capacity: 550x350mm)
- 1 x Mori Seiki DMU 50 Ecoline 3+2 (Capacity: 500x450mm)
- 2 x Brother TC-S2DN-O (Capacity: 700x400mm)

CNC TURNING

- 1 x Mazak 250-II MSY
- 2 x Mazak 250MS

Maximum Working Diameter: 380mm

SHEET FOLDING

14 Press Brakes and 4 Automated Bending Cells, with up to 360kN of force.

MANUAL FOLDING

- 14 x Trumpf Trubend Machines
(1 x Bend Assist - 5085/5130/7036)

AUTOMATED FOLDING

- 1 x Trumpf Trubend 7036 Bending Cell
- 1 x Trumpf Trubend 5170 Bending Cell
- 1 x Salvagnini P4L-2516 Panel Bender
- 1 x Salvagnini P4-1916 Panel Bender

Maximum Length: 3230mm





INSERTING EQUIPMENT

- 7 x Haeger Insertion Machines

WELDING

- 12 x MIG and TIG Welding Bays
- 6 x TIG Welding Bays (dedicated to stainless steel and non-ferrous fabrication)
- High capacity for automated stud and spot welding

METAL FINISHING

6 finishing bays and in-house glass bead blasting, silk screening and pad printing facilities.

- Glass Bead Blasting Facilities
- 1 x Kuhl Meyer Belt Finisher
- 4 x Grind master Deburr and Grain machines
- 2 x Vibratory bowl finishers
- In-house Silk Screening Facilities
- 2 x Pad Printing Machines
- 2 x Markem Ink Jet Printers for part identification

DEDICATED MANUFACTURING UNITS

- KMF Advanced Assemblies: Dedicated assembly cell to integrated products
- KMF Special products: Dedicated to the manufacture of high-quality components in stainless steel with machining capabilities

QUALITY AND FINISHING

- 1 x Inspeccion Planar P15035
- 1 x Wenzel LH65 (Control - PC-Dmis)
- 1 x Mitutoyo Euro Apex C-A544 (Control: QCT Inspect 3D)
- 1 x Hexagon Arm RA7730 SI

POWDER COATING

Facilities for wet and powder paint application.

- GEMA Automatic Powder Coating Booth System, inclusive of a high efficiency Curing Oven, F8 Sidetrack Conveyor System and a QCS4 Magic cylinder fast colour change booth (2 off)





ELECTRO-MECHANICAL INTEGRATION

For fully configured turnkey solutions.

- Purpose built electro-mechanical integration facility inclusive of individual business units
- Ability to build looms, manage printed circuit boards and design bespoke functional test fixtures

PRODUCT ASSEMBLY

For integrated cabinets, multi-part components and mechanical assemblies.

- Purpose built assembly cells and packaging areas
- An ESD (Electrostatic Discharge) assembly area for static sensitive components

