



brightonsheetmetal

plant & facilities

Facility	Equipment
CAD/CAM	4 seats running Radan Radraft/Radpunch, 3D software with Radprofile to facilitate off-line programming of EMZ Piercing, Astro forming, Laser and HFP 1003 brake press. Solid Works 3D modelling. Customer information can be taken in 2D DXF or DWG files.
Laser Cutting	AMADA LC 2415 Laser cutting unit with automated load/off-load facility and 3.0m x 1.5m capacity.
CNC Punching	1 Amada EMZ 3610NT punch press. Auto loading and unloading. Auto tool loading of 220 punches. Sheet size 2.5m x 1.5m. 1 Trumpf 500 Rotational, punch presses, sheets sizes 2.5m x 1.25m.
CNC Forming	1 AMADA Astro 100NT Robotic forming cell with conveyor. 1 AMADA HFP 1003 off-line programmable brake press handling components up to 3m. 5 AMADA HFB 80T x 2.5m capacity brake presses.
Fasteners	7 programmable Haegar insertion machines to fit all types of fasteners. Bowl feeds allow multi-usage fasteners to be auto-fed.
Fabrication	12 welding stations equipped with ESAB MIG and TIG welding equipment; 8 pedestal & portable spot welding machines (25-75 KVA). Stud Welding facility.
Metal Finishing & Pre-Treatment	2 Kuhlmeier finishing machines, 3m long with manipulator. Full metal finishing and degreasing facilities in house. Plating to a variety of finishes available through local sub-contractors.
Painting	Powder coating using 2 automatic coating lines, feeding 2 Maywick infrared tunnel ovens. 3 off-line booths and box ovens accommodating panels and frames up to 1.0m x 3.0m.
Silk Screening	Full silk screening facilities in-house.
Mechanical Assembly	Fully equipped, dedicated higher level assembly facility bringing together sheet metal parts, fasteners, foam, electrical components etc.
Electrical & Electronic Assembly	Clean room with ESD facility. Fully equipped facility for high/low voltage electrical/electronic assembly.
Packaging, Shipping & Despatch	KanBan management systems fully supported. Prompt and reliable national and international deliveries using carriers. Own fleet of three 3.5T curtain-sided vehicles.
Quality	ISO 9001:2000 Accreditation (2006). Continuous Improvement. Lean Manufacturing.

UK

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Approved to
ISO 9001:2000

