

PANEL SYSTEMS BESPOKE SOLUTIONS

We offer a unique combination of skills in the fabrication of sheet materials including:

- SHEET METAL FABRICATION
- CNC MACHINING
- STRUCTURAL BONDING
- HOT -WIRE CUTTING OF POLYSTYRENE

these skills combined with modern support services including:

- CAD/CAM SOFTWARE
- MATERIAL OPTIMISATION SOFTWARE
- E-COMMERCE FACILITIES
- ISO 9001:2000
- INVESTOR IN PEOPLE

enable an unrivalled design and manufacturing capability in providing bespoke solutions.

If you are seeking a manufacturer or sub-contract supplier able to solve your problems then please contact us at sales@panelsystemsgroup.co.uk

SHEET METAL FABRICATION

Comprehensive in-house facilities are available for fabricating aluminium and steel sheets including:

- Guillotine up to 3800mm
- CNC Punching
- Press Brake up to 3800mm
- TIG Welding

We also provide via outsourcing powder coating, wet paints and anodising of metals.

CNC MACHINING

CNC machining of sheet material is handled by three CNC routers. Maximum sheet capability is 3650mm x 1525mm.

Our experience covers the following materials:

- Compact Grade Laminate 3mm - 18mm eg Formica
- Plastics such as Co-extruded Polyethylene eg Colorplas
- Foam Plastics eg Styrofoam
- Timber eg MDF
- Honeycombs eg Polypropylene and Aluminium

STRUCTURAL BONDING

Over thirty years experience in using adhesives to create panel solutions. Where different materials require bonding to combine their physical attributes, our experience is unrivalled.

Two automatic spray lines and seven presses provides a substantial and flexible capability in laminating materials.

Our adhesive expertise covers polyurethane, SBR, Neoprene, Acrylic and Epoxy based systems.

HOT-WIRE CUTTING

Oscillating hot-wire cutting of foam plastics including:

- Extruded Polystyrene eg Styrofoam
- Expanded Polystyrene

Provides an efficient and competitive means to convert manufacturers blocks into sheets.