

TECHNOLOGY & SPECIFICATIONS SHEET

Laser Cutting

3000mm x 1500mm bed
 Cutting capacity 25mm mild steel, 25mm Stainless, 16mm Aluminium
 3D parts up to 2500mm x 1500mm x 500mm
 RHS and Round tubes up to 420mm diameter
 Automated "lights out" sheet and plate cutting

Laser Welding

Minimal Heat Affected Zone with penetration up to 6mm
 3D parts up to 2500mm x 1500mm x 500mm

Robot Welding

Robot reach of up to 1900mm radius
 Pulsed MIG welding up to 500 amps water cooled
 Plasma arc welding up to 400 amps

Bending & Folding

130 ton and 85 ton machines
 3000mm and 2700mm beds
 CNC Crowning
 Bending sensors for repeatability and accuracy (Automatically Controlled Bending)
 Hemming and Safety fold capabilities

Machining

Table Size – 1600mm x 760mm (600mm Z axis)
 Spindle capacity – 12000rpm, BT40 with through spindle coolant
 Tool Changer – 30 tool automatic tool changer

CNC Routing

3000mm x 1500mm bed
 Suitable for wood and all plastics

Linishing

Abrasive and Scotchbrite linishing up to 1100mm wide

De-burring

Two sided de-burring up to 900mm wide without affecting material coatings

Shot Blasting

Automated shotblasting with rotating hangers for single operation finishing

General Fabrication

Fully equipped fabrication bays
 Demmeler jiggling benches for repeatability and accuracy
 Plate rolling up to 4mm thick x 1200mm wide
 General MIG and TIG welding, including pulsed MIG
 Spot and stud welding
 Cold and friction saw cutting

Finishing & Assembly

Dedicated painting area
 In house quality assurance
 Fully equipped assembly area



Engineering Solutions for *YOUR* Business

