

Equipment and Capabilities

Paul Fabrications specialise in the manufacture of complex sheetmetal formed, welded and machined assemblies.

The Listing below demonstrates the breadth of our processing capabilities. Paul Fabrications equipment is under constant review and we expand and replace as the product lines matures.

Laser Cutting	CO2	Trumpf 5-Axis Flat Bed	3000 x 1500 x 750mm
		Trumpf 5-Axis Flat Bed	2000 x 1500 x 750mm
Water Jet Cutting		WJS SL-V450	3000 x 1500mm
Forming	Presses	Safan	3000 x 100 Tonne
		Blanking/Piercing	1800 x 1000 x 160 Tonne
		Forming Press with Cushions	1200 x 1000 x 350 Tonne
Machining	CNC – Milling	Matsuura twin pallet x 2	550 x 410 x 460mm
		Bridgeport x 3	600 x 400 400mm
		Bridgeport	550 x 400 x 400mm
		HASS	1000 x 500 x 600mm
	CNC – Lathes	Cincinnati Falcon	52dia, bar capacity x 600 Between centres (300 max Turning dia)
		Cincinnati Falcon x 2	75dia, bar capacity x 600 Between centres (300 max Turning dia)
		Cincinnati Hawk	75dia, bar capacity x 600 Between centres (350 max Turning dia)
		Lynx 220 x 3 (1 with bar feed)	300 Max turning dia x 305 between centres
	Manual Machines	Bridgeport	500 x 200 200mm
		Manual Centre Lathe	1500dia x 1400 between centres or 1800dia x 450 between centres
		Facing Lathe	1000dia
	Heat Treatment	Electric Air Ovens Furnaces	
			800°c - 1100°c
Welding	TIG	Manual	300A AC/DC
		Auto Circumferential	1000mm dia
		Seam / Roll Spot	175kVA

Quality Assurance

NDT

Penetrant

Water Washable
Post Emulsified

X Radiography

200kV, 7MA

CMM

Co-ordinate Measuring
machine

1500 x 1370 x 610mm

Toolmaking

Jig Borer

Centre Lathe

Milling machines