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CNC Machining – Fabrication Engineering – General Engineering – Plasma and Profile Burning



Our company's expertise has fundamentally been to provide sub-contract precision engineering services to the tipping gear and earth moving industries, but has, as an acknowledgement of market requirements, been able to diversify into producing varying components for numerous industries, including manufacturers of conveyors, industrial doors, bar fittings and furniture.

Our main areas of expertise are:

- CNC Machining
- Fabrication Engineering
- Plasma & Profile Burning
- General Engineering

Our rolling investment in plant and equipment, together with our highly skilled and experienced workforce, has ensured that we can meet the demands of our customers for high volume and/or 'One-Off' components in a wide variety of materials.

Our company has over the years achieved an enviable reputation, for understanding our customers' requirements and an ability to provide a cost effective and efficient service. Matched with exemplary quality and adherence to scheduled deliveries, the result is that our customers continually provide Farnworth & Langan with repeat and new business and also look to our experienced management for advice when developing new prototype components.

Farnworth and Langan strongly believe that the bedrock of its success has been its continuous investment program in plant and machinery which has provided a versatile platform for future development. For more information please see our attached capacity list.

Capacity List

Farnworth & Langan operate from our own purpose built 10,000sq.ft. factory; complete with a 5 ton crane covering the whole workshop.

Machining Shop

Machine	Maximum Turning Dia	Between Centers	Maximum Spindle Speed	Control
3 x CNC Lathe	370mm	620mm	4500rpm	Fanuc Oi-T

Machine	Bar Feed Capacity	Maximum Spindle Speed	Control
2 x Hyundai Hit 18	66.7mm	3500rpm	Siemens 840D Conversational Programming

Machine	Table size	Maximum Spindle Speed	Control
4 x Vertical Machining Centre	1m x 600mm	12000rpm	Heidenhain

Machine	Maximum Turning Dia
2 x EMI-MEC Micro Sprint 50	50mm

Machine	Cutting Capacity
2 x Addison 250 Automatic Bandsaw	250mm

Fabrication Shop

Fabrication capacity ranges from small intricate bench components up to 5 ton capacity

Plasma & Profile Burner

Machine	Cutting Size	Cutting Speed	Oxy-Fuel Cutting Capacity	Plasma Cutting Capacity
Suprarex SXE – P1 Plasma Profiling Machine	4000mm x 2000mm	50-20000mm/min	10mm– 100mm	Steel 1mm-20mm
				Aluminium 1mm-16mm
				Stainless Steel 1mm-16mm