



### **About Sumac**

Established in 1985, Sumac was formed to provide engineering and manufacturing services for a local OEM, steady growth, with expansion of buildings, machine tools and highly skilled personnel has enabled us to service a wider range of industry sectors including electronics, communications, defence, food processing, marine and petro chemical.

Sumac Precision Engineering Ltd is committed to delivering products and services to a clearly defined quality standard which will meet the requirements of our customers at all times. To ensure this, the company has developed a Quality Management System which meets and exceeds the requirements of BS EN ISO 9001:2008.

### **Industry capabilities**

We offer our customers a flexible and fast response service and are proud that we have the flexibility and agility to solve your engineering problems within price and timescale budgets.

We offer value engineering which frequently enables quicker and less expensive manufacture and we are always keen to sit down and discuss new requirements with customers to find the best engineering solutions.

Our highly skilled workforce can tackle anything; from a one-off to a large quantity of complex CAD components. Our aim is to ensure complete customer satisfaction by producing accurate work, of excellent quality, that is correct to drawing and finish requirements.

Sumac are proficient working with JIT, Kanban or scheduled orders and can deliver direct to production lines if required. Our flexible stores department will ensure that deliveries arrive as requested in order to meet and exceed your expectations.



### **Systems and Processes**

Sumac have Aventa Production Control System (MRP) which gives us complete control of our manufacturing process. It has also improved our ability to meet our customers delivery schedules, and with automated shop floor data collection we are able to have an up to the minute overview of the status of work in the factory.

We have a fully documented system of in process and inspection procedures, which are rigorously implemented to ensure all components are manufactured to customer requirements, giving complete confidence and piece of mind to all our customers.



### **Sales and Business Development**

Sumac is an organically grown business where we are passionate about engineering, our workforce is highly skilled, flexible and stable, our aim is for long-term growth and profitability using three primary activities establishing business in new markets, generating significant partnerships, and improving the current customer base.



### **Design and Innovation**

Our approach to design is for the production of a component / assembly to the customers ideas and budget in the most productive way possible.

We will advise and provide solutions where we feel it is required or requested.



### **Turning**

We have seven turning centres ranging from two axis up to nine axis of which six are bar feed, five are equipped with live tooling and three are twin spindles.

With this range we can produce anything from prototypes to bar-fed large volume work.

This is all supported with traditional manual machining.



### **Milling**

Sumac specializes in three, four and five axis machining, utilising our 5 axis machine tools in a full range of milling capabilities from simple drilling operations to complex three-dimensional contouring.

We use state of the art machining centres with features such as tilting five axis rotary tables, through spindle coolant, as well as high speed machining. Quality is also maintained through laser tool setting and machine tool monitoring in real time.

This is all supported with traditional manual machining.



### **Grinding**

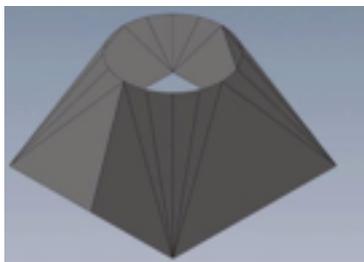
Our grinding and honing capabilities allow us to provide more specialised operations with unparalleled efficiency and precision performed by our highly skilled team.



### **Laser Cutting**

Our laser is a Bystronic bystar 3015. It is able to cut steel up to 20mm plate, stainless steel up to 15mm plate and aluminium up to 8mm plate and a sheet size of 3000mm x 2000mm.

We can produce anything from prototypes to large volume work.



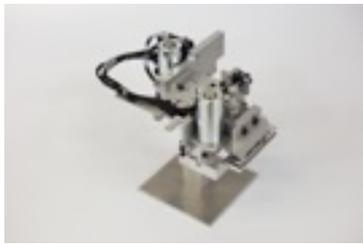
### **Folding and Forming**

Sumac is equipped with a variety of machinery including high-end CNC press brakes, guillotines and cold saws.



### **Fabrication and Welding**

Our welding capacity includes MIG, TIG, Gas and Spot for mild steel, stainless steels and aluminium. Our highly skilled team produce welds of excellent quality. We can produce anything from prototypes to production fabrications.



### **Fitting**

Our well equipped fitting section is able to offer all aspects of product assembly including mechanical, pneumatic and hydraulic.



### **Inspection**

Sumac's fully equipped Inspection department ensures that we work to the highest standards of the many companies for whom we have approved or preferred supplier status.

We can inspect from customer supplied models, our VDIMS supported CMM guarantees the accuracy of our precision work and gives our customers complete peace of mind.

Our Delcam Faro Arm allows us flexibility to check components on our machine centres.

Sumac operates a fully documented and audited quality system which meets and exceeds the requirements of BS EN ISO 9001:2008.

Please see our detailed plant list for further information.