

# SPECIALISTS IN PRECISION ENGINEERING



**A&B** ENGINEERING



WE PROVIDE AN EFFICIENT, ACCURATE RESPONSE TO  
COMPLEX COMPONENT AND PROTOTYPE REQUIREMENTS

# DELIVERING BESPOKE, SPECIALISED PROJECTS ON TIME AND TO CHALLENGING SPECIFICATIONS

## INTRODUCTION

Established in 1973, A & B Engineering has developed a strong reputation for delivering bespoke, specialised precision engineering projects on time and to challenging specifications.

Accuracy, reliability and detail is the backbone of our ethos and approach. As a result, much of our business is generated through recommendation, and we are proud to be the preferred supplier to many organisations across a number of sectors including aerospace, defence, marine, electronics & motorsport.

Challenging, complex component manufacture is where we excel, whether it be from the initial design concept of the part, to the first prototype piece & finally to the full batch production run.

Our ability to machine and manufacture a variety of components using the latest materials ensures we deliver the most effective solution for our customers. All our precision machined components are then inspected to a high level of scrutiny and detail, until we are confident that each and every element is flawless.

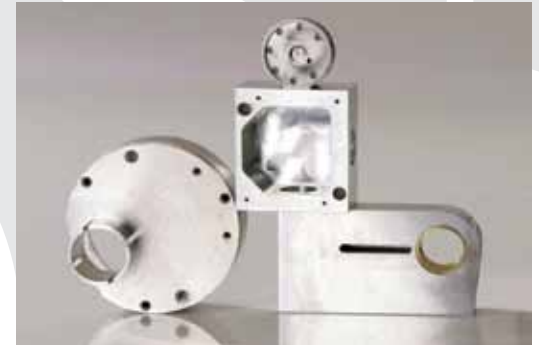
## OUR WORK

Being a sub-contract supplier of machined components has given us breadth of experience across many diverse sectors and includes such processes as:

- > Prototype & tooling design and manufacture
- > Medium to high volume batch part productions
- > Full assembly of families of parts
- > Testing of final assemblies to customer strict requirements
- > Full traceability of individual components at all times
- > In depth & detailed inspection procedures for all processes

We work with a diverse range of materials from exotics such as Hastelloy & Inconel through to the 300 series stainless steels, aluminium, bronze, titanium & numerous plastics & ceramics to produce the right solution for our customers each and every time. By combining expertise, experience and technology, we can provide a fast, efficient & accurate response to any demanding component and prototype requirements.

The exacting standard of our work is underpinned by our ISO 9001:2008 accreditation. This quality management benchmark is recognised throughout the world, and is woven in to all aspects of our work from production control and materials handling, through to inspection procedures and certifications.







**ACCURACY, RELIABILITY AND DETAIL HAVE BEEN  
THE BACKBONE OF OUR ETHOS AND APPROACH**

# HIGH PRECISION COMPONENTS CAN BE CREATED AND MANUFACTURED TO OUR CLIENTS' EXACT SPECIFICATIONS

## OUR APPROACH

Being a family business, A & B Engineering maintains a strong sense of personal service to its clients. Our work begins as soon as we receive an enquiry. We take responsibility for the production of a client's components from start to finish, including a careful delivery service using our own drivers and transport.

We work hard to deliver a friendly, efficient service. We respond to email enquiries within a couple of hours, telephone calls are always answered promptly and we strive to ensure all quotations are compiled & produced on a 'same day' basis. Most of the team at A & B Engineering have been with the company for many years which helps us to deliver a continuity of service that our clients tell us is important.

## EXPERIENCE

Having built an enviable track record since 1973, we are extremely proud of the work we have produced for both large on going projects and for short term prototype assignments.

From the design of intricate mechanical assemblies for high end car manufacturers and high volume component housings for the audio & aerospace industries, to the fast response turnaround of regular repeat business parts for the defence & autosport sectors; our experience is built on a diverse range of challenges and complex projects.

High precision components can be created, designed and manufactured in house at A&B Engineering to meet the quality, deadline and budget requirements of most manufacturing infrastructures, both in the United Kingdom & abroad.





**INSPECTED TO A HIGH LEVEL OF SCRUTINY AND DETAIL UNTIL WE ARE CONFIDENT THAT EACH AND EVERY ELEMENT IS FLAWLESS**



# A WEALTH OF MACHINING STRATEGIES AND TECHNIQUES SUPPORTING THE AEROSPACE, DEFENCE AND MOTORSPORT INDUSTRIES

## TECHNOLOGY AND CAPABILITY

Over the years, our versatile and highly experienced team have been involved with the manufacture of thousands of different shaped and sized components. As a result, we have developed a wealth of machining strategies and techniques in areas such as:

- > CNC Milling
- > CNC Multi Axis Machining
- > CNC Turning
- > 3D Solids & Surface Machining
- > CNC 3D Engraving
- > CNC Broaching
- > Surface Grinding
- > Assembly and Test
- > High precision Tool and Fixture Design
- > New Product Design
- > Rapid Prototype
- > Reverse Engineering
- > ISO Standard CAD Drafting and Modelling

The strategies we employ in all of our processes are continuously improving & adapting to suit the needs of every customer's next project.

With a modern high spec machine shop that is constantly being upgraded, and the latest technology to support our inspection capability, we have the confidence to tackle even the most demanding of tasks.

Our CAD office is fully compatible with most industry standard design and project management software, thus enabling a smoother transition between our customer's drawings and models, through to the finished components.



For more information or to discuss how A&B Engineering can assist you, please contact a member of our team.

A&B Engineering Ltd • Unit 10 • Wares Farm Industrial Estate • Linton • Maidstone • Kent • ME17 4BB  
T: 01622 820055 • F: 01622 820066 • E: [info@abengineering.co.uk](mailto:info@abengineering.co.uk) • W: [www.abengineering.co.uk](http://www.abengineering.co.uk)