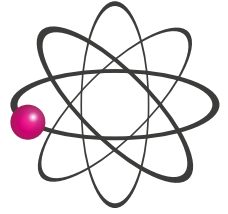


**merc**  
aerospace



World Class Precision  
Engineering



aerospace



defence



petrochemical



energy

[www.mercaerospace.co.uk](http://www.mercaerospace.co.uk)



A tradition of  
delivering world  
class precision  
engineering

---

# Merc Aerospace is a world class precision engineering company with over forty years' proven expertise in serving the aerospace, defence, petrochemical and energy industries.

**B**ased in Pendle in Lancashire and employing over 50 staff, we have built a team of highly skilled engineers and associated staff who produce precision parts and assemblies of exceptional quality whilst working to the most demanding of customer specifications in a variety of metals and specialist alloys.

Our sustained growth is rooted in a rolling programme of positive investment in plant and training and a continuous improvement programme, driven by MAFIS, our bespoke ERP/MES Software.

Certified to ISO9001 & AS9100, our quality and service is trusted by many industry leaders; this is backed up by our prestigious prime aerospace approvals from companies including BAE Systems, Airbus, AgustaWestland, GKN and Bombardier.



## Sectors we supply:



aerospace



energy



defence



petrochemical



Ensuring quality  
and service first  
time, every time

---

# Aerospace

Supplying the aerospace industry for more than 40 years, Merc Aerospace operates to AS9100 quality standard and hold approvals from some of the biggest names in the industry, including BAE Systems, Airbus, AgustaWestland, GKN and Bombardier. We support several civil and military aerospace projects including AH159, A350, Hawk, Tornado and Harrier AV8B aircrafts.

Merc specialise in the production of components for aero engines, airframes and thrust reversers from experimental projects through to full production contracts.

Our flexibility, proven expertise and outstanding commitment to quality ideally positions us to meet even the most demanding of bespoke requirements,

supported by fully established quality assurance with full material traceability, First Article Inspection testing (FAI), Control Plans and Gauge R&R systems.

We work with customers to build a service package to match their unique requirements, placing special emphasis on value added services, such as surface treatments, grinding and assembly. We are the preferred 'one-stop-shop' for the aerospace supply chain.



Aerospace Assembly

---

# Defence

Merc Aerospace has been a key part of the defence supply chain for over 40 years. Our skilled engineers work on small to large volumes, manufacturing orders for components including small arms and support weapons, missile components and military communication parts. We support several projects including, GPMG (General Purpose Machine Gun), ASRAAM Missile, CAMM Missile, Spearfish Torpedo and Bowman Communications System (Future Integrated Soldier Technology).

We work with customers to build a bespoke service package to meet their

unique requirements, placing special emphasis on value added services such as surface treatments, grinding and assembly. Our stringent quality assurance processes guarantee full material traceability, First Article Inspection testing (FAI), Control Plans and Gauge R&R systems.



Ordnance Components



Valued by our  
industry leaders



---

## Petrochemical

Merc manufacture a comprehensive range of parts for the oil and gas industry, including a wide range of seals, valves and connectors used in various applications including deep hole technologies. Parts are manufactured to

support high pressure applications and comply with stringent quality standards and traceability requirements.

Merc are ideally suited to support your oil and gas requirements and are relied upon by industry leading companies.

---

## Energy

Supporting the power generation industry with the manufacture of fuel injection system components for gas turbines, Merc supplies a world-class customer base with highly tolerated precision machined components in a number of challenging exotic alloys.

Servicing both the de-commissioning and new build nuclear sectors, Merc manufactures components to the most

stringent of quality requirements. Merc are well positioned to support the UK nuclear supply chain with an impressive line-up of machinery and capabilities.

Merc has the skills, machinery and infrastructure to provide customers with the lowest total cost of acquisition solution, with quality in built.



Fuel Injection Components



An outstanding  
reputation in the  
aerospace industry



# Machining Capabilities

Our extensive manufacturing facility operates 24 hours a day, five days a week and boasts machinery including 5 Axis Mill, CNC Mill/Turn, CNC Turning, CNC Milling, EDM Spark, Wire & Fast-Hole Drilling and CMM Inspection.

We also offer more traditional engineering disciplines such as surface grinding, honing, milling, centre-lathe turning and aerospace assembly.

Sustained re-investment in technology is vital in achieving the highly proactive industry-leading standard of engineering service for which we are known and respected. Using our 'one stop precision shop' approach, engineers work closely with colleagues on various sections to deliver impressive levels of accuracy, complexity, quality and repeatability.



5 Axis Milling



Mill/Turn



Milling

Producing machined components, sub-assemblies, and fully treated 'bought out components' to exemplary standards, Merc benefits from a wide range of CNC machine tools, from three, four and five-axis milling, to twin-spindle Mill-Turn centres with up to nine axes.

Merc specialise in the manufacture of small to medium sized batches, whilst working with difficult-to-machine aerospace and subsea materials, such as nickel alloys, duplex and stainless steels, titanium and magnesium.

## Capabilities include:

- ✓ 5 Axis Milling
- ✓ CNC Mill/Turn
- ✓ CNC Milling
- ✓ CNC Turning
- ✓ EDM Wire & Spark Erosion
- ✓ CMM Inspection
- ✓ Aerospace Assembly



A unique approach to  
lean manufacturing  
processes



---

# Our People

The Merc Aerospace management team and highly skilled workforce combine in-depth experience and impressive expertise with innovation and a solid commitment to delivering quality, value solutions to even the most demanding needs.

Our priority is to recruit the best people and then broaden their skills and knowledge base; this gives us a real competitive edge. Building a world-class workforce is our philosophy, emphasised by a stringent recruitment policy of only employing time served engineers.

In striving for professional excellence, we have developed partnerships with a number of key training bodies and leading universities. In recent years we have recruited several apprentices and a number of BA, BSc and MSc graduates.

A significant number of other employees are currently being sponsored by the company through a range of other training programmes.

---

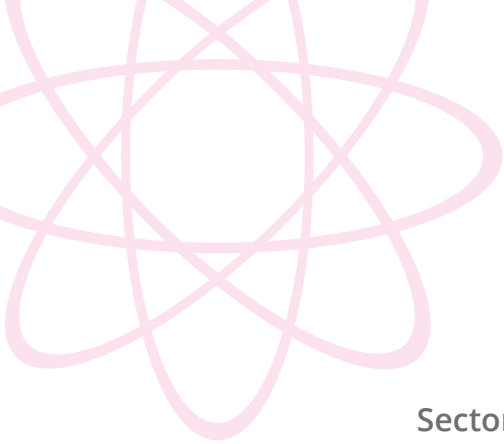
# Approvals

Several years of hard work, audits and reassessing how we operate has led to us gaining prime approvals from some of the biggest names in the aerospace and nuclear industries.

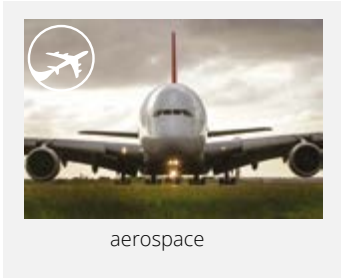
**Merc Aerospace is AS9100 approved and our approvals include:**

- ✔ BAE Systems
- ✔ Airbus
- ✔ AgustaWestland
- ✔ Moog Aircraft Group
- ✔ GKN
- ✔ Bombardier

We support several civil and military projects including producing parts for Airbus A350, Agustawestland AH159 and BAE Systems manufactured Hawk, Tornado and Harrier AV8B Aircrafts.



## Sectors we supply:



aerospace



defence



petrochemical



energy

Lower Clough Mill Pendle Street, Barrowford Lancashire BB9 8PH  
e: [sales@mercaero.co.uk](mailto:sales@mercaero.co.uk) | t: +44 (0)1282 694290

