

The background of the entire image is a close-up photograph of a CNC machine's end mill cutting into a metal workpiece. The scene is bathed in a deep red light, creating a high-contrast, industrial atmosphere. White geometric lines, including a diagonal line and a hexagonal shape, are overlaid on the right side of the image. The Helander logo, consisting of a white chevron followed by the word 'HELANDER' in a bold, sans-serif font, is positioned on the left side.

➤ HELANDER

**THE RIGHT
PARTNER FOR
MISSION CRITICAL
COMPONENTS**

helander.co.uk

Trusted and recognised

as a key provider of precision components and engineered solutions.



THE HELANDER TEAM:

Leaders in innovation

Professionally putting Customer satisfaction to the forefront. We are here and ready to listen, understand and deliver. The needs of our Customers are of paramount important to us.



48 years of experience to inspire confidence in precision engineering

Trusted and recognised as a key provider of precision components and engineered solutions in the Aerospace & Defence, Energy, Oil & Gas, Nuclear, Construction, Marine & Industrial markets. Helander has over 48 years' experience working to the highest standards, controls and compliance. Core Helander activities involve manufacture of hard metallic components and subassemblies

ranging from super alloy materials to steels and aluminium using conventional subtractive CNC 'lights out' manufacturing to provide value for money and reduced costs for our customers. Helander has experience of machining and treatment of additively manufactured parts grown from inconel and titanium powders and has conducted successful machining trials in collaboration with our customers

- ✓ Solution Provider
- ✓ Turnkey Engineering
- ✓ Machining and Assembly
- ✓ Sector Focussed Approach & Application Knowledge



OUR VISION

To be recognised as the best in our chosen strategic markets



OUR MISSION

To develop Helander's integral partnerships with our Customers



OUR VALUES

Respectful, challenging, ownership, pace, openness and enabling

What we do



SERVICE

- ✓ Core Competences of Machining – CNC
- ✓ Fully integrated solution – Supply Chain Management
- ✓ Design for Manufacture (DFM) support
- ✓ Product Development with Customer engineering
- ✓ Full Lifetime Quality Records (LTQRs)
- ✓ Fixed process control
- ✓ Assembly & polishing
- ✓ Prototype batch
- ✓ Fast-Track
- ✓ Series production

MATERIALS

- ✓ Duplex & Super Duplex alloys
- ✓ Molybdenum
- ✓ Inconel's (718, 625)
- ✓ Aluminium's
- ✓ Plastics & Nylons
- ✓ Carbon steels
- ✓ Monel (K500)
- ✓ Tungsten
- ✓ Tristelle/Stellite
- ✓ Stainless steels
- ✓ Titanium's



MILLING – BASIC

3 X 3 & 4 Axis Mills
Up to 500mm x 300mm



MILLING – MULTI-AXIS

7 X 5 Axis Machining
Centres
Maximum Workspace –
500 mm cube

1 X Horizontal 4 Axis
Milling Centre
Maximum Workspace –
900mm cube



MILLING & TURNING – MULTI-AXIS

3 X 5 Axis Mill / Turn
Machining Centres
Maximum Chucking
Diameter – 500mm x
3,000mm



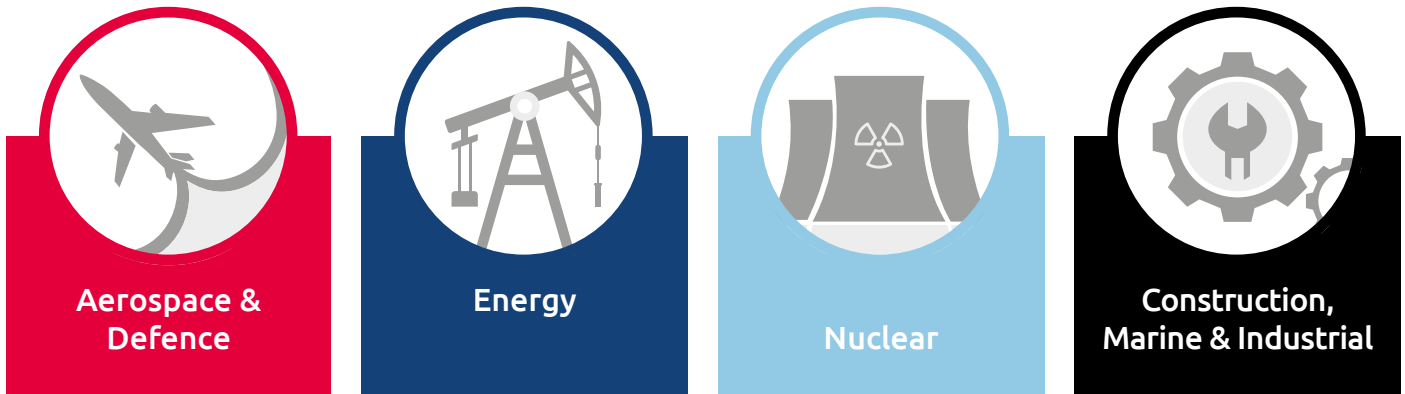
TURNING – BASIC

11 X CNC Lathes
Bar feed and live tooling
capability

Our 26 CNC machine tool range allows high speed machining with top end 25,000 rpm spindle and high-pressure coolant availability if required and are of high level of quality and can easily tackle demanding complex materials.

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Our markets



At Helander we have a wealth of experience in providing a full turnkey practice to each sector:

- Commercial and Defence Aerospace
- Renewable Energy including wind, sea, and electric vehicle
- Oil and Gas sector
- Construction, Marine and Industrial sector
- Nuclear Sectors supporting decommissioning, defence and new energy initiatives.

We support all major OEMs, Tier 1, Tier 2 and aftermarket providers from the early design for manufacture (DFM) stages, prototype manufacturing, series production and a continuation with the ongoing supply of legacy componentry.

Within each sector, materials can vary from soft, hard to specialised, with complex geometries to achieve. Our CNC machine tools being of a high level of quality can easily tackle these demanding materials.

Component materials in various forms, consumables and assembly items are sourced in line with customer requirements from approved supply chain companies, western supply and AS9100 approved. We machine using our precision 26 CNC machine tools to the agreed design print specifications, providing FAI reports, through to full PPAP requirements as requested.

Within the full turnkey package, we source and manage all external processes such as hard anodise, HVOF, NDT, coatings, balancing, painting and of course, provide assembly to complete the desired supply.

To finish, we provide transport to the customer facility or support an ex-works storage solution if that is more suitable.

The right partner for mission critical components

Our expertise



Aerospace & Defence

- Actuator components
- Rocket Motor/Body assemblies
- Flight deck control handles/throttles
- Fuel system components
- De-Icing components
- Slat arm assemblies
- High Pressure Air Systems
- Filter Housings
- Fuel Pump Casings
- Antenna Bases
- Interior Components - Dressings, Seating, Galley
- Enclosures
- Heat Sinks



Nuclear

- Pump and Valve bodies & components
- Filtration components
- Hot Glove Box components/assemblies
- Decommissioning System components
- Pressure Release Valve assemblies



Energy

- Rotary Steerable System Components
- Main Drive shafts
- Impellers & Stators
- Drilling heads
- Stabilisers
- Pads, Clamp Plates, Spiders
- Can Cells
- Jam Nuts
- Spindles & Turbine shafts
- Bias unit hardware
- Slip Ring & Casings
- Metering Components
- Pump & Zero Loss Pump Components
- Component Repair
- Battery Casings
- EV Motor Casing
- EV Motor Shafts



Construction, Marine & Industrial

- Super Yacht Light Fittings
- Bushes
- Transmission Components
- Hydraulic Components
- Pump & Zero Loss Pump Components
- Machined Forgings
- Specialised Suspension Arms
- Propellers
- Boat Propeller Shaft Brackets
- Brass Cutless Bearings
- Stern Tubes
- Motor Sport High Precision Components

Quality Assurance Approvals

Our quality mission statement

Ensure compliance with customer requirements and to enhance customer satisfaction.

WE'RE AIMING TO ACHIEVE

- ✓ Customer focus
- ✓ People involvement
- ✓ Systematic approach to management
- ✓ Factual approach to decision making
- ✓ Leadership
- ✓ Process approach
- ✓ Continuous improvement
- ✓ Mutually beneficial supplier relations



THE HEALTH, SAFETY, AND ENVIRONMENT PROMISE

Helander is committed to the highest standards for the health and safety of our employees, customers, and contractors as well as to the protection of the environment in the communities which we live and work.

QUALITY ACCREDITATIONS & INDUSTRIAL FORUM MEMBERSHIPS

- | | |
|---|----------------------------|
| ✓ AS9100 Rev D – Certified | ✓ Schlumberger |
| ✓ ISO 9001 – Certified | ✓ BAE Systems |
| ✓ ISO 14001 – Compliant (Environmental) | ✓ Weatherford |
| ✓ ISO 45001 – Compliant (H&S) | ✓ Multiple OEM / Sub-Tiers |
| ✓ F4N – Fit for Nuclear – Certified | ✓ NES |
| ✓ Ultra | ✓ Rolls Royce |
| ✓ Roxel | |

WE'D LOVE TO HEAR FROM YOU

Get in contact

OUR DETAILS

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➤ HELANDER
PRECISION ENGINEERING

FINDING HELANDER

Helander is located just off Junction 9 of the M5, in the historical town of Tewkesbury, Gloucestershire. Tewkesbury boasts many local amenities, including shops and recreational attractions. Helander is also within easy commute from the neighbouring towns of Gloucester, Cheltenham, Worcester and Evesham.

