



Our Global Reach at a Glance

# **Company Overview**

Cairnhill specialises in giving the total package necessary to take a product from concept to manufacture. Operating as a solution based manufacturing company, using our proven project management strategy, we can provide project management services worldwide.

Operating from our 200,000 sq ft factory in Coatbridge, about 8.5 miles east of Glasgow city centre, we have invested in the very best equipment available to manufacture steel quickly, accurately and efficiently – from precision steel sawing to high speed CNC drilling lines and large area profile plate burning machines.

Our highly skilled and experienced workforce provides the necessary expertise to take care of every aspect of design, production, delivery and installation. Combined with strong project management, focused on achieving efficiency of cost, time and quality, we are well set up to handle contracts of any size or volume worldwide.

### **Our Mission**

We aim to develop and maintain long-lasting relationships with our customers by delivering quality assured projects within various market sectors. By continuing to work to the highest standards, utilising our wealth of knowledge, and developing progressive technologies, we are actively creating steel solutions that exceed expectations.

#### **Our Core Values**



#### Respect

The respect we hold for those who work for us, as well as the planet which surrounds us, is paramount. Empowering our workforce to act safely, and playing our part in the energy transition will enable our work to protect our shared planet.



#### **Innovate**

Supporting all aspects of engineering, we seek to deliver our projects differently. With 45 years of experience, our collective wealth of knowledge is ready to assist in your solutions.



#### Collaborate

Achieved through teamwork and cooperation, collaborating with our team will maximise our potential to understand client requirements, collectively resolve issues, and maximise our strengths.



#### **Exceed Expectations**

As our greatest asset, our workforce will positively work to their abilities, communicate effectively, act with integrity, and hold respect for others, as we understand the consequences of our projects and to exceed these expectations.





# Storage Tanks & Petrochemical

We offer a wide range of services for your steel storage tank projects, including storage tank design, fabrication, repair, construction, and testing of fixed & floating roof tanks. In addition, we can offer tank cleaning, inspection, painting, rope access, hydrocutting, and demolition as part of our project management services and, in doing so, can deliver your tank refurbishment needs from start to finish.

Our range of services also includes structural steelwork, pipework, tank roof seals, valve selection/replacement and control systems. We ensure your steel storage tanks are repaired and upgraded in accordance with existing codes and standards (API 650, API 653, BS EN 14015, EEMUA 159).







### **Legacy Energy**

Our specialist capabilities allow us to offer advice on manufacturing to our clients. We like to get involved at the front end design stages which allows us to assist in constructability studies, value engineering by simplifying the design and ultimately lowering manufacturing costs.

As well as working in collaboration at the front end, our turnkey solutions in oil and gas steel fabrication allows us to manage the project from start to finish. All of our processes are carried out in-house ensuring we are in control of project delivery and quality.

We are well versed with the requirements of working in the Oil & Gas industry and understand the challenges associated with the manufacture of safety critical products.







### **Clean Energy**

With the continued rise in energy usage and the limited life expectancy on coal-fired and nuclear power stations, Cairnhill is able to help extend the life of power installations by assisting in overhauls and major structural repairs. Our nuclear steel fabrication team have completed a large number of BOFA contracts and are now involved in the conversion from coal to biomass in many power stations worldwide.

Our expertise ranges from design and development to final delivery and installation, with a highly skilled workforce used to working on specialist fabrications for the power industry. Everything Cairnhill does is underpinned by a robust project management process, which ensures the smooth running of every contract, quality products and on-time supply.







#### Rail

With over 45 years' experience providing steel solutions to the rail industry throughout the United Kingdom we are aware of the high standards required across the board. We are committed to providing a service that exceeds expectations. Our in-house design and detailing team have the expert knowledge to overcome the most challenging circumstances. Our team use the latest 3D modelling software and have extensive experience with working to Eurocodes.

Our dedicated Project Managers work in close collaboration with our clients throughout the complex project journey ensuring the projects are delivered safely, to the specified quality, to budget and within the required timescale. We have vast experience working within OLE, Route Modernisation, refurbishment, Piling supply & modification. Our Network Rail approved site teams are regularly mobilised to assist in trackside maintenance and repairs.







## **Steel Framing**

Cairnhill specialise in the design and installation of lightweight steel framing systems, providing fast track building solutions for commercial and domestic contracts throughout the United Kingdom. Cairnhill's dedicated in-house technical team control the design, detailing and installation of light steel framed infill and superstructure projects up to fourteen storeys high.

Our portfolio of completed SFS (Steel Framing System) projects demonstrates the flexibility of light gauge steel framing in the UK covering: Schools, Offices, Student Accommodation, Hotels, Care Homes, Flatted Developments, Hospitals and Health Care Buildings.







Structural bridge design – We can offer design and build services as well as consultancy where our engineers can discuss your requirements.

Steel bridge fabricators – Cairnhill offer a "Turnkey Solution" by taking a concept and adding value such as design and detailing consultancy, manufacture, installation and full project management until completion and hand over. Our site survey service is particularly useful within bridge refurbishment where we offer the use of our portable coordinate measuring machine that offers dimensional analysis and reverse engineering on site.

Typical bridge solutions & supply – Rail Footbridges Cable Bridges Access for all systems Bridge repair and refurbishment Bespoke Ramps and Stairs U-Decks Box Girders Bearing Plates Temporary Steelwork Warren Truss Applications.







#### **Metalwork**

Our extensive metalwork facility is fully equipped with the very best CNC machinery. From our precise steel sawing lines to high-speed CNC drilling lines and sophisticated plate profiling machines, we have your metalwork requirements covered. Our utilisation of a highly skilled and experienced workforce enables us to take care of every aspect of design, production, delivery, and installation.

We complement our primary steelwork offering with impressive secondary steelwork packages such as balustrade, handrails, staircases, and Juliet balconies. In addition to this, we supply and install all types of metal and the timber fencing systems to a range of commercial and domestic clients throughout the UK.

We are a supplier of structural steelwork, metalwork and fencing to a vast range of industries for over 45 years. We fully understand our client requirements and expectations, which is why we provide a metalwork service that focuses on cost, quality, timescales and performance.





### High Security

Playing a vital role in supporting our national security sector, our experience spans a wide range of critical infrastructure projects that requires a delivery of complex, high-integrity steel solutions.

With an extensive range of capabilities, our highly skilled workforce and advanced manufacturing facilities are equipped to manage demanding projects; from design, prototyping, fabrication, testing, and final installation. Understanding the strict quality controls and traceability requirements that govern this sector enables our commitment to deliver solutions to mission-critical operations and long-term asset performance.

Our team brings decades of cross-sector fabrication expertise, combining technical excellence with a strong understanding of the operational needs unique to this sector. Delivering our contracts on time, to specification, and in full alignment with client expectations, Cairnhill remains a trusted partner in the protection and advancement of national capabilities.







# Marine & Renewables

With a proven track record in supplying the marine and renewables industries, Cairnhill's experienced team of multi-discipline engineers provide technically led, value engineering support, ensuring efficient project conclusions.

Marine grade steel – We have been active in the marine industry for over 45 years, initially supplying steel plate and profiled sections, steadily moving on to supplying fabrication and welding services.

We are now a trusted supplier offering full design and manufacture of complex assemblies such as Linkspans and full fender systems.

When manufacturing replacement equipment our 3D scanning service is state of the art and ensures all surveys are accurate and replacements fit perfectly.







# Subsea & Offshore

Offshore steel structures - Our 'Turnkey' offering is well-suited to the Subsea and Offshore industries. We offer front-end value engineering to ensure our clients are taking full advantage of our experience in manufacturing, offering efficiencies and cost savings to projects.

As well as understanding the engineering and manufacturing requirements of working in the subsea and offshore industries, we also fully understand the importance of the Quality and Certification standards.

Our Quality Management team is here to support the project needs to start through to the project's completion. Our QA/QC Inspectors monitor the manufacture throughout the line with approved Quality Plans.





#### **Cairnhill Sun Works Factory**

200,000 square foot facility with crane capacity of 150 tonnes



#### Cairnhill operates within a number of market sectors:



**Petrochemical** 









Metalwork









**Bridges &** Infrastructure



Subsea & **Offshore** 



Clean Energy



**Marine Renewables** 

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Cairnhill is certified to UKCA/CE mark to BS EN 1090-2 up to Execution Class 4. The highest Class Achievable.

Cairnhill is also certified to BS EN ISO 3834: Continual Investment in Quality Requirements for Welding.



























