



**Bridges, Rail &
Transmission**

Solutions in Steel

Cairnhill, a 'single source' service for steelworks

Operating from our 120,000 sq ft factory in Coatbridge, 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 commitment to quality

Cairnhill is proud to hold Gold Award status for sustainability. We have also achieved CE Marking certification to Execution Class 4, making Cairnhill one of very few British companies fabricating steel to the highest possible standard.





Cairnhill have extensive experience in the design, manufacture and installation of bridges. We are a market leader.

We have built up an impressive portfolio of past projects by listening and understanding our client's requirements then executing the technical and operational plans to achieve the highest quality standards specified.

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

We 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





Cairnhill are a supplier of Steel Structures to the Rail Industry, we pride ourselves in our quick response time, flexibility to help solve our client's challenges.

With over 20 years' experience working within 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 focuses on Cost, Quality and On Time Delivery.

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.

Some typical supply examples:

- OLE Main Steelwork
- OLE Small Part Steel
- Design and Detailing of bespoke rail structures
- Lighting & Signalling Gantries
- Access for All Systems
- Piling Solutions
- PTS Certified Response Team





Cairnhill also support the Transmission and Distribution Industry by supplying structures for overhead lines and substations.

Our experienced team of design and detailing engineers working to our client's specifications guarantee our design solutions are trusted to interface with our client's equipment as well as being economically detailed to ensure manufacturing costs remain competitive.

With the capability of being able to offer Galvanised Steel, Aluminium and GRP we can overcome most challenges whenever required.

We use the latest CNC Machine tool technology coupled with our long serving experienced engineers to ensure quality is maintained even in the most challenging delivery programmes.

Our highly skilled Installation teams are also available to assist with erection of structures on site.

Some example supply products:

- AIS Equipment Support Structures
- GIS Equipment Support Structures
- Access Platforms and Handrailing
- Transmission Towers with Trial Erection capability
- Strengthening and Corrosion replacement steelwork
- Monopoles
- Cable Trays and Bridges



Cairnhill Sun Works factory

120,000 square foot facility with crane capacity of 100 tonnes



Cairnhill operate within a number of market sectors



**Storage tanks
& Petrochemical**



Oil & Gas



Nuclear & Power



Rail



Steel Framing



Bridges



**Transmission
& Distribution**



Subsea



Piling



Renewables

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Cairnhill are CE Marked to BS EN 1090-2 up to Execution Class 4. The Highest Class Achievable.
Cairnhill are also certified to BS EN ISO 3834. Continual Investment in Quality Requirements for Welding.

