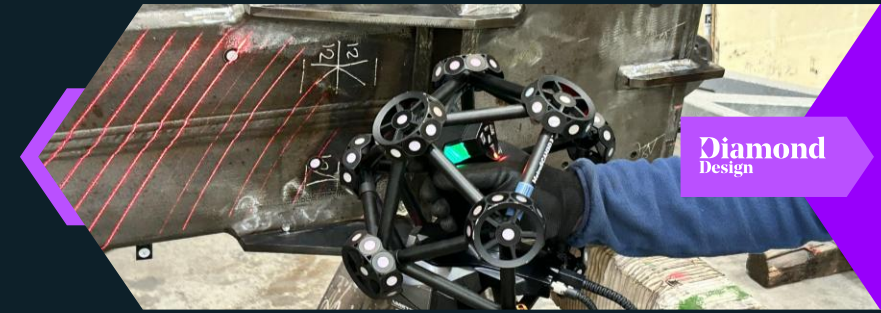


Diamond Group

Turnkey Service Offer 2026

Engineering *the*
Diamond Standard



Welcome to Diamond Group.

This document will guide you through the extensive services and capabilities delivered by our integrated group.

Through our true turnkey approach, we are able to offer flexible, group-wide solutions by combining expertise across all divisions to suit your specific requirements. Should you wish to explore a tailored combination of services or have any questions regarding our offering, please contact us at **info@diamondgroup.co.uk** or speak directly with the representative who provided this document.

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Diamond Rail
Services](#)

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For over 25 years, we've been at the forefront of bespoke turnkey engineering, pioneering specialist solutions across key market sectors. From concept to completion, we offer services encompassing design, manufacture, site and rail.

Our commitment to collaboration, exceptional project management and cutting-edge solutions sets us apart, whilst our on-going investment in people, quality, process and safety ensures we consistently exceed expectations, by delivering exceptional outcomes on every project

Our Values

Our Vision

To be the first choice for high-quality, turnkey engineering solutions across diverse industry sectors — trusted for our expertise, cutting-edge solutions and a commitment to sustainability

Our Mission

To deliver high quality, bespoke engineering solutions with a genuine commitment to safety and professional standards, ensuring customer satisfaction and continuous improvement in everything we do.

Safety



Collaboration



Quality



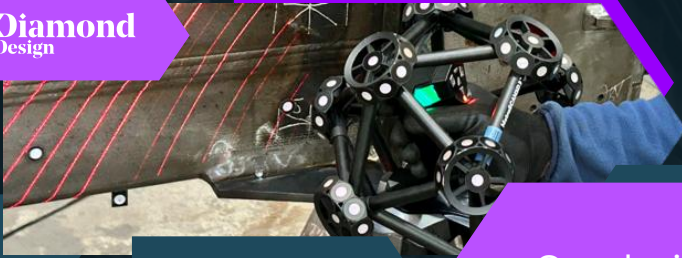
Dynamism



Ethics



Diamond Design



Design and Metrology Services

Our design division specialises in detail and mechanical design, scanning, metrology and reverse engineering across all sectors.

Diamond Rail Services



Turnkey Rail Services

Our rail division specialises in turnkey solutions for the rail industry: full vehicle refurbishment, driver & passenger seat refurbishment, procurement, BOM and kitting.

Diamond Engineering



Bespoke Manufacturing Services

Our engineering division specialises in turnkey steel manufacturing: material processing, fabrication & welding, machining, assembly and testing.

Diamond Responsive Engineering



Site and Support Services

Our site division specialises in steel erection, mechanical engineering, site fabrication & welding and maintenance and outages support.

Engineering a True Turnkey Solution: The Complete Package



Key: Services
Delivered By Our
Divisions

**Diamond
Design**



**Diamond
Engineering**



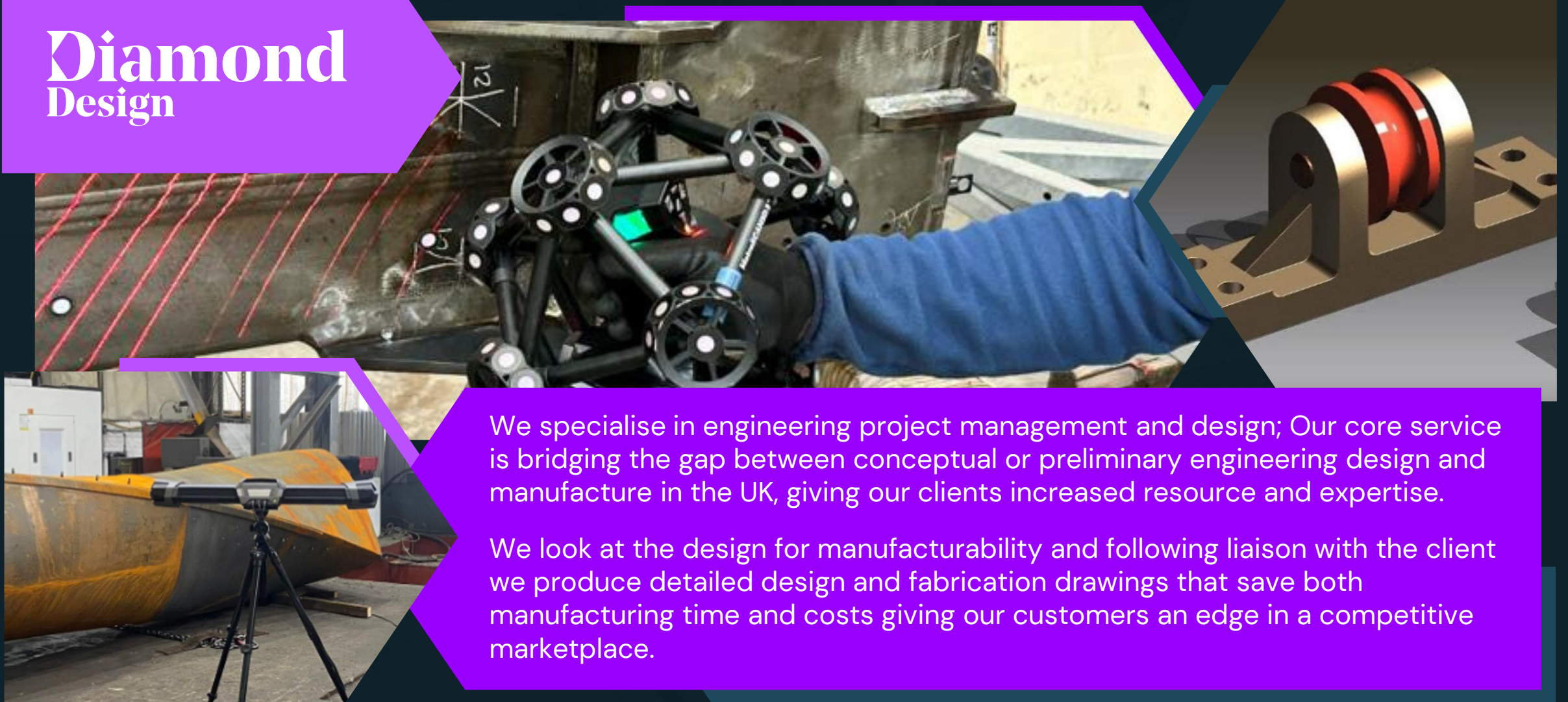
**Diamond
Rail Services**



**Diamond
Responsive
Engineering**



Diamond Design



We specialise in engineering project management and design; Our core service is bridging the gap between conceptual or preliminary engineering design and manufacture in the UK, giving our clients increased resource and expertise.

We look at the design for manufacturability and following liaison with the client we produce detailed design and fabrication drawings that save both manufacturing time and costs giving our customers an edge in a competitive marketplace.

Real-World Engineering That Works

At Diamond Design, we turn cutting-edge concepts into robust mechanical solutions built for real-world performance—not just theoretical results. Our designs combine technical precision with practical, site-work know-how.

End-to-End Design Capability

Using tools like SolidWorks and AutoCAD, we deliver full drawing and design packages—whether creating from scratch or adapting existing systems—with a strong focus on manufacturability, strength, and cost-efficiency.

Expertise Across Sectors and Standards

From structural steelwork and lifting equipment to complex mechanical assemblies, we design for sectors like nuclear, offshore, water, and heavy industry—all to rigorous standards such as BS EN 13001 and Eurocode 3.

Performance-Driven Design Support

We offer advanced analysis (including FEA for static, thermal, fatigue, and buckling) to optimise performance and durability—supporting you through modernisation, bespoke system development, or design bottlenecks.

Bridging Design and Delivery

At Diamond Design, we translate engineered concepts into fully documented, production-ready drawing packages—ensuring a smooth path from idea to manufacture, assembly, or installation.

Precision-Driven Detail Design

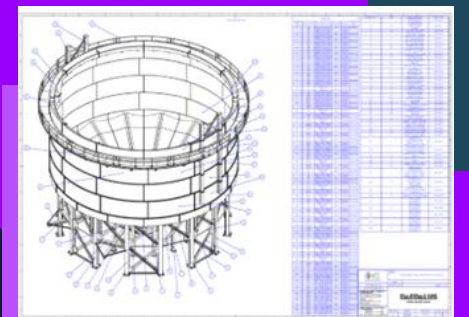
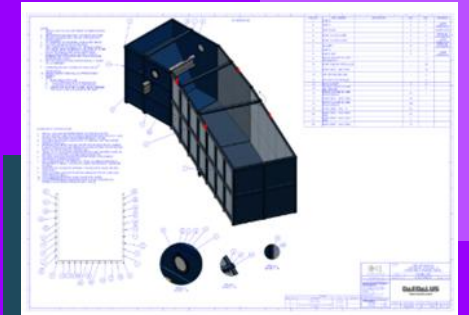
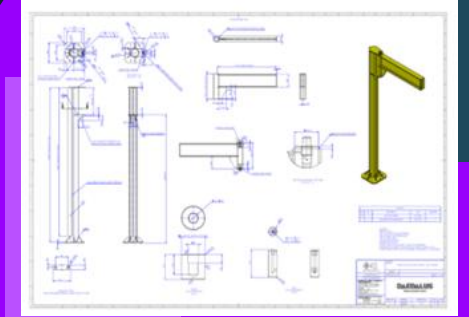
Our team produces industry-leading bespoke fabrication and assembly drawings for mechanical systems, steel structures, and lifting equipment—always aligned with current standards and sector best practices.

Comprehensive Drawing Packages

We deliver fully annotated fabrication and GA drawings, layout plans, BOMs, dimensional tolerancing, and more—using tools like SolidWorks, AutoCAD, and scan-to-CAD workflows.

Engineering for the Shop Floor

Our focus is clarity, accuracy, and buildability—so your teams have exactly what they need to work efficiently and with confidence



Precision Scanning for Smarter Engineering

We deliver high-resolution 3D scanning and metrology services that enhance design accuracy, speed up decision-making, and integrate seamlessly with CAD workflows.

Advanced Technology, Broad Capability

Using cutting-edge tools like the MetraSCAN Elite, HandySCAN Silver, and FaroArm Edge, we capture everything from large structural elements to fine mechanical parts—with up to 40 μm accuracy.

Comprehensive Scanning & Inspection Services

Our offering includes full 3D scans, CAD model generation, reverse engineering, wear analysis, part verification, heatmapping, and casting inspection—ensuring you get detailed, usable data every time.

On Site or In-House, Always Accurate

Our fully portable scanning systems mean we can deliver high-precision results directly on site—ideal for scanning complex, large, or hard-to-move components in real working environments.





Bringing Legacy Parts Back to Life

At Diamond Design, we specialise in reverse engineering legacy or undocumented components—capturing every detail and delivering accurate, production-ready digital models from physical parts or scan data.

Advanced Tools, Accurate Results

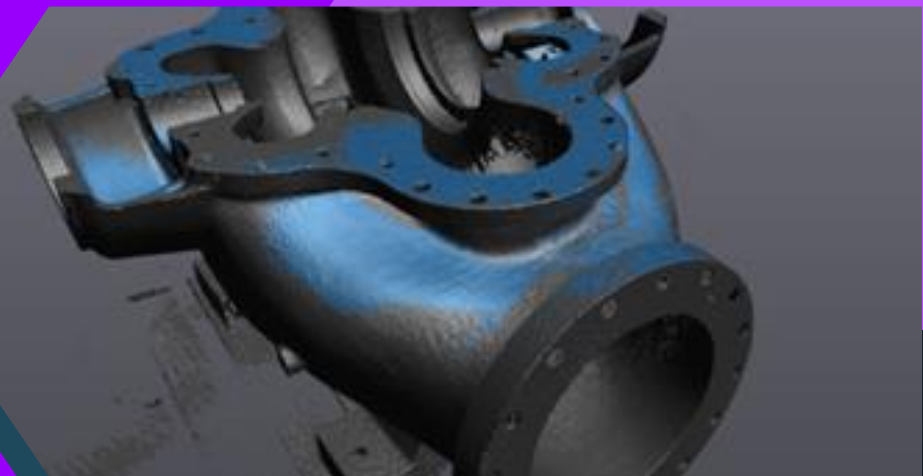
Using industry-leading equipment like the MetraSCAN Elite, HandySCAN Silver, and FaroArm Edge, we capture complex geometries, wear patterns, and internal features with precision—ready for CAD reconstruction and analysis.

Complete Reverse Engineering Workflow

Our services include mesh generation, CAD model creation with analytical surfaces and NURBS, wear analysis, redocumentation, and conversion into full CAD assemblies—seamlessly integrated with downstream teams.

A True Turnkey Engineering Solution

From initial scan to manufacturing drawings, we provide a complete service—enabling restoration, certification, or redesign of even the most complex or degraded components with confidence.



Diamond Rail Services



We specialise in providing a comprehensive range of services for the Rail sector, tailored to meet the diverse needs of your rolling stock and property refurbishment projects.

Whether you're seeking full turnkey project delivery or individual elements to seamlessly integrate into your existing plans, our experienced team is here to deliver collaborative solutions with precision and efficiency.

Diamond Rail Services has built a strong reputation in turnkey interior and exterior refurbishment, delivering bespoke, high-quality solutions for the UK's leading train operators.

We continue to expand our service offering and now offer a complete refurbishment capability for rolling stock, accommodation units, and exterior assets.

Our Turnkey Service Covers:

Passenger and driver seat repair and reupholstery in cloth, moquette, or leather.

Interior component production: grab handles, tables, flooring, signage.

Full compliance and certification management (GMRT 2130 issue 5.1)

Exterior painting, signage, and corrosion repairs. Delivered in partnership with SCC and Diamond Group specialists

By managing every stage — from design and fabrication to installation and aftercare — we deliver reliable, fully certified refurbishment solutions that combine function, durability, and finish.



Diamond Rail Services works in close partnership with Diamond Group's Engineering and Responsive Engineering divisions to deliver true turnkey solutions for the rail industry.

Our turnkey Services Include

- Parts design, manufacture, and material processing.
- Fabrication and welding to BS EN 15085.
- 3D scanning and reverse engineering.
- NDT testing, certification, and asset management.
- Labour supply for installation and maintenance.

Specialist Capabilities

- Reverse engineering of obsolete components to extend asset life (with 2-year warranty)
- Component tooling for seat foams, armrests, brackets, grab handles, and more.
- Consulting solutions delivering tangible improvements — e.g. meal tray redesigns, reengineered cab footrests, and enhanced toilet floor trays.

By integrating expertise across the Diamond Group, we provide clients with complete, efficient, and innovative engineering support — setting a new benchmark for performance in rail.

Front of House Capabilities

- Tailored inspection and maintenance programmes to meet client needs.
- Leather cleaning, seat cover repair, and fabric restoration.
- Panel and paint touch-ups, graffiti and etching removal.
- Carpet deep cleans, label reinstatement.
- Working within customer availability constraints

Audit and Management Services

- Delivered by qualified, independent assessors.
- Service quality audits, compliance checks, and asset tracking.
- Smart, data-driven reporting with photographic evidence.
- Improves Service Quality, NRPS results, and cost efficiency.

Modification Services

- Turnkey delivery of bespoke modifications and refurbishments.
- Includes toilet and flooring replacements, mirror and sink upgrades, grab pole refurbishment, and litter bin installations.
- Enhances passenger experience and extends asset life.
- Delivered by skilled teams under strict quality and compliance standards.

Dilapidation Repairs

- End-of-lease repair programmes for rolling stock and cab assets.
- Site audits to assess and plan rectification work.
- Rapid, high-quality repairs by experienced engineering teams.
- Trusted by ROSCO clients to return vehicles in lease-ready condition, reducing costs and downtime.

At Diamond Rail Services, our kitting process is designed to bring efficiency, accuracy, and full traceability to every project — from single-unit kits to large-scale, multi-component assemblies. Each kit is managed with precision, ensuring the right parts arrive exactly when and where you need them.

Built Around Precision and Control

Complete kit preparation from verified Bills of Materials and asset lists.

Bespoke packaging and clear labelling for every component.

Secure storage and *Just-in-Time* delivery to optimise project flow.

Full traceability with Certificates of Conformity and Sage-integrated tracking.

A Reliable Partner You Can Trust

Our dedicated project managers oversee every detail, supported by skilled technicians and trusted supply partners. The result is a customisable, end-to-end solution that integrates seamlessly with your existing processes — delivering reliability, compliance, and total peace of mind.

Heritage Engineering and Restoration

- Specialists in heritage rail restoration and modern re-engineering.
- Key collaborators on the BR Standard Class 6 "Clan" 72010 – HENGIST project. Blending historic design with 21st-century engineering for operation and education.

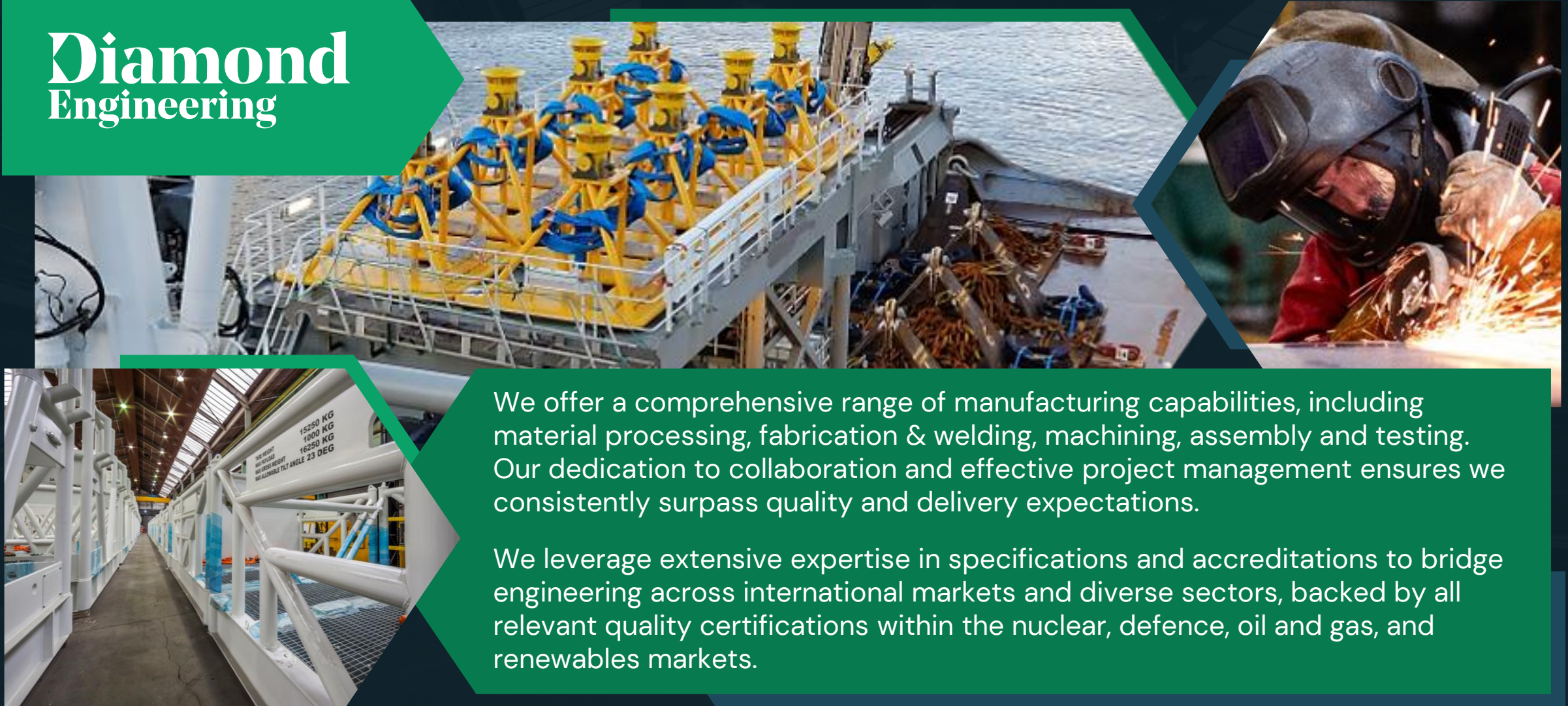
Component Re-Engineering and Manufacture

- Solving obsolescence with refurbished, reverse-engineered or newly manufactured components.
- From small fittings to complete rolling stock assemblies.

Interior Restoration and Preservation

- Experts in heritage seating and upholstery restoration.
- Access to rare moquette fabrics and bespoke foam forming for certified seat bases and backs.

Diamond Engineering



We offer a comprehensive range of manufacturing capabilities, including material processing, fabrication & welding, machining, assembly and testing. Our dedication to collaboration and effective project management ensures we consistently surpass quality and delivery expectations.

We leverage extensive expertise in specifications and accreditations to bridge engineering across international markets and diverse sectors, backed by all relevant quality certifications within the nuclear, defence, oil and gas, and renewables markets.

We offer cutting-edge material processing solutions, from free-issue cutting to material storage and processing tailored to your requirements, up to 200mm thick carbon steel plate.



Within our two large material processing shops, we house:

- 2x CNC oxy/gas cutting machines, capable of cutting plate between 20mm and 200mm thick with precision.
- 2x CNC Plasma cutting machines, capable of cutting plate between 5mm and 20mm thick with speed and precision.
- 2x 400T press brake machines.
- Chamfering machines.
- 10T over-head crane capabilities.
- We offer our customers full traceability from the start of our turnkey process.





Scalable, Precision Fabrication

With 33,750 sq ft of workshop space and a 60-tonne lift capacity, we deliver industry-leading fabrication services for projects of any size: combining skilled craftsmanship with robust infrastructure and real-time quality support.

Collaborative, Quality-First Approach

Our platers and fitters work alongside in-house inspectors from day one, ensuring each project meets client standards while minimising rework—balancing quality with speed through a culture of continuous collaboration.

Welding Expertise, Certified to the Highest Standards

We provide comprehensive welding solutions across MIG/MAG, TIG and MMA processes, supported by Hundreds of pre-approved weld procedures to BS 15614-1, AWS D1.1, ASME IX, NORSOK and customer standards, also having welders certified to ISO 9606, AWS, ASME standards. Our team works with a wide range of materials, from stainless, nickel alloys and carbon steels through to high-strength grades such as S690 QL1, with carbon steel thicknesses of up to 300 mm.

Unmatched In-House QA & NDT Capability

Led by our in-house CIWE/EWE, our quality team upholds certifications including ISO 9001, BS EN 1090 (EXC4), and BS EN 3834-2 BS EN 15085 to Class 1. With full-time inspectors qualified up to CSWIP 3.2.1, we also offer MPI, DPI, to PCN2 and regular sub-contracted UT & radiography NDT services—saving clients time and cost.



With 19,000 sq feet of working area, a 35T lift capacity and a plethora of different machines to choose from, our cutting-edge machine shop is able to cater to the needs of even the most demanding of projects.

Juaristi Floor borer With an 8m horizontal traverse, a 3m vertical traverse and a 4m rotary table, this machine is highly capable and equally efficient.

Solaruce FS10000 Floor borer The Juaristi's big brother, our newest machine boasts a 10m horizontal traverse, a 5m vertical traverse, a 6m 20T fixed bed and a 3m rotary table. This machine can handle large and complex projects with ease. (Operational from March 2026)

Vertical Borers We have many vertical boring machines, with a mix of CNC & Manual, with the largest having a bed of 2.3m radius.

Elgamills Our large CNC Elgamill mill machines are in high demand, with the largest having a 12m bed and 10m traverse.

Machining Centres Small but efficient, our machining centres allow us to work on small parts with speed and precision.

Other CNC and Manual Horizontal Borers Our highly-skilled horizontal borer operators leverage their extensive experience to provide speed and precision boring and milling jobs.

Assembly

- Our 20,000 sq ft Assembly shop is manned by highly-experienced engineers, is equipped with 40-tonne overhead crane.
- Load/FAT tests, sub-assemblies, trail/black assemblies, hydraulic assemblies and final assemblies for projects of all sizes.

Outdoor Assembly

- For larger projects, our outdoor working area spans 30,000 sq ft, facilitating the assembly of components using various mobile cranes.

Installation Expertise

- Our team specialises in installing mechanical, hydraulic, and electrical functions.
- We also provide support for instrumental and control equipment requirements.

Client Dedicated Offices

- To enhance our customer's experience during project visits and tests, we provide client dedicated offices with free Wi-Fi access, catering to our client's individual needs.

Testing Capabilities

- Thorough load, hydrostatic and Factory Acceptance Tests (FAT) are conducted, addressing all commissioning requirements to ensure the quality and functionality of our client's assembled products.

Load Testing

- Load tests are conducted, tailored to meet specific requirements and standards.

Safety is at the heart of all of our activities, and our assembly shop staff are given regular training and tool-box talks to ensure all tests assemblies are being conducted to the highest safety standards.

Diamond Responsive Engineering

Diamond Responsive Engineering provide first-class site services. We offer steel erection, site fabrication and welding and mechanical installations along with outage and maintenance contracts to a wide range of sectors such as construction, renewables, power and nuclear.

As part of Diamond Group, we act as both an independent engineering partner and as part of the Group's true turnkey delivery process, seamlessly integrating with our design and manufacturing divisions to provide complete, end-to-end solutions.

Our core business ethos is to build strong partnerships with our customers, and our work is underpinned by a commitment to responsiveness — adapting to evolving project scopes, client requirements, and site conditions without compromising safety, quality, or schedule. This flexibility allows us to consistently deliver outstanding outcomes for our customers.



Our Capability

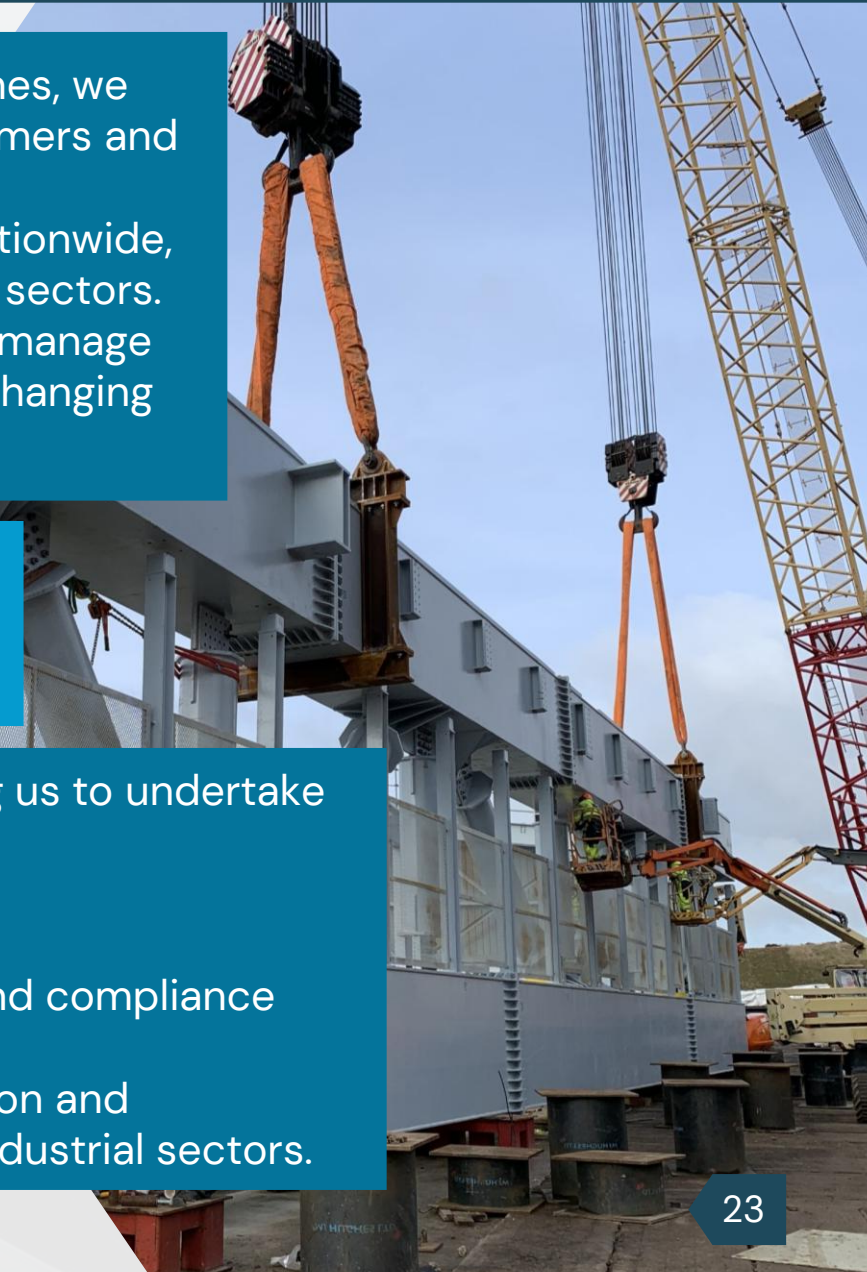
- From heavy structural frameworks to intricate mezzanines, we are able to tailor our services to the needs of our customers and be responsive to any changes in scope that may arise.
- Proven experience across diverse, complex projects nationwide, with successful outcomes delivered across a myriad of sectors.
- Our site teams are highly trained and fully equipped to manage the challenges of complex lifts, restricted access, and changing site conditions.

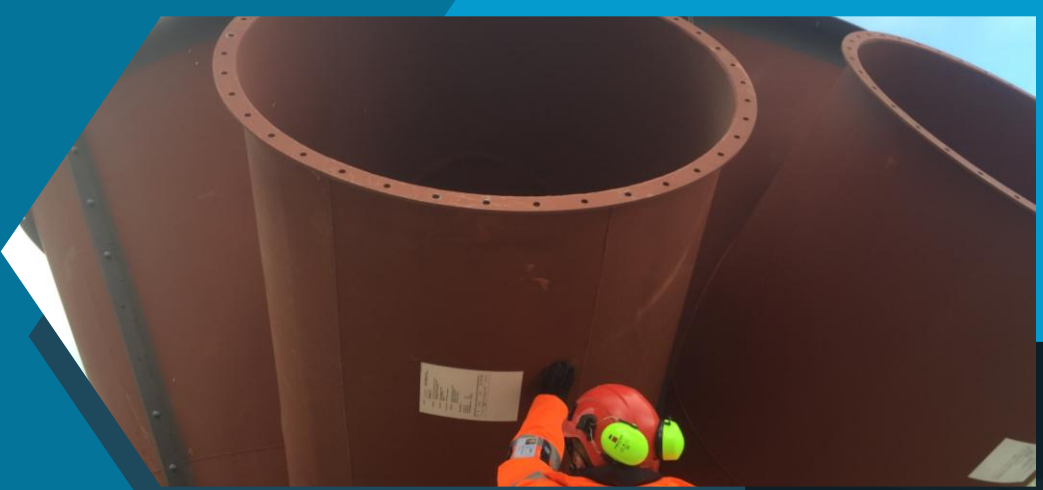
Our Commitment

- Safety and quality are at the heart of every job.
- Trusted by major UK clients to deliver on time, even in challenging environments and to tight deadlines.

Our Credentials

- Accredited to BS EN 1090-1 Execution Class 3, enabling us to undertake demanding structural projects.
- ISO 9001 –2015 Quality Management System.
- ISSO 45001 Critical to managing OHSMS site wide.
- Fully qualified for structural projects where reliability and compliance are essential.
- Proven track record working on large-scale steel erection and modification projects across power, renewables, and industrial sectors.





Working Across the UK and Northern Europe

Our site and mechanical installation teams have built a reputation for delivering complex projects safely, efficiently, and to exceptional quality standards.

Our experience includes large-scale new-build installations such as flue gas treatment plants, process conveyors, and system upgrades, as well as the refurbishment and overhaul of existing equipment. Whether operating as a true turnkey partner or providing specialist support within a wider multi-contractor programme, we ensure seamless integration, clear communication, and safe, controlled execution throughout.

Every project benefits from meticulous planning, with a focus on safety, accuracy, and minimising disruption to ongoing operations. Our engineers are fully apprentice-trained, and our supervisors are SMSTS or SSSTS qualified, ensuring that all site activities meet the highest standards of health and safety compliance.

Our People

- Fully apprentice-trained professionals with extensive hands-on experience. Skilled in both structural and mechanical
- welding applications across a range of sectors.
- Flexible, adaptable teams assembled to match the unique needs and scale of each project.

Our Capability

- Precision work carried out safely within challenging or confined environments.
- Consistent delivery of high-quality, compliant results..

Our Assurance

- Supported by an in-house full-time CIWE/EWE.
- Welders coded to British and ASME standards.
- Governed by a BS EN 3834-2:2021.
- Welding Quality Management System ensuring traceability, reliability, and integrity.



Our Service

- Tailored short and long-term maintenance and outage contracts to meet client requirements.
- Comprehensive mechanical support – from inspection to repair.

Our Approach

- Focused on ensuring safety, compliance, and operational performance through planned and preventive maintenance.
- Minimising downtime with efficient, well-coordinated interventions, supported by robust planning and resource management.
- Working in partnership with clients to ensure every outage or shutdown runs smoothly, safely, and to schedule.

Our Advantage

- Highly skilled, responsive teams ready to mobilise nationwide.
- Proven performance under tight outage and shutdown schedules.
- A reliable, professional solution for long-term peace of mind.





www.diamondgroup.co.uk



info@diamondgroup.co.uk



Diamond Business Park,
Butterthwaite Lane,
Ecclesfield, S35 9WA

Diamond
Design



0114 257 3500

Diamond
Rail Services



0114 257 0909

Diamond
Engineering



0114 257 3500

Diamond
Responsive
Engineering



0114 257 1414

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Diamond Standard**